

#### U.S. DEPARTMENT OF COMMERCE

MAURICE H. STANS, Secretary

# ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION ENVIRONMENTAL DATA SERVICE

# STORM DATA

Volume 11 No. 8 AUGUST 1969

									<u> </u>										AUGUST 1969
	i	XAL	PATH	Ē		OF		ATED†				CAL	PATH	Ē		OF		ATED!	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE .	DATE	TIME - LOCAL STANDARD	LENGTH OF F (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
Alabama Colbert and Lawrence	١,	Afternoon			0	0	3	lı.	Heil	Arkansas Coy, Lonoke Co.	16	After-			1				Lightning '
Counties	Max	rble size b	ail fe	ll from	Lei	hton	area	astwa	d into western of farmland hit			noon er killed otton fie		ghtning	as r	eplac	ing ir	rigati	on pines
	wi.	th damage 1	o cot	ton, so	bean	, 00:	na and	peppe	•	Tamo community - Jefferson County	16	8:30 p.	?	?			4		Tornado •
Mobile, Mobile County	Ha:	6:25 pm	diame	er, fel	0 1 br:	0 efly	about	1 6 mile	Hail es east of	our erson councy		9:00 p.				٠.			ished. Other
Dauphin Island.		8:15 pm			0	0	հ	0	Hail, wind		dame								ed "elephant
Mobile County	Win	nd overtur diameter 1	ed mo	ile hom	e and	dam ue t	uged m	arina.	Hail up to 1 3/4"	California			None	repor	hot				
Loachapoka, Lee		Afternoon		to cot	On g	0 In de	4 strovi	0 ng bui:	Electrical				None	1001	ocu				
	eq	ipment.						,		Colorado Las Animas County		3:50PM	th ha	ann mai	and	high	°3	C daman	Hail ed property and
Gulf Shores, Baldwin County		Afternoon inted off		just wes	t of	Gulf	Shore	ı. ·	Waterspout		cro		rea be	ween T	inid				ailstones up to
Mobile, Mobile County	17 Fo	11:45 pm ar funnels	sighte	ed by St	ate '	roop	ers in	Mobile	Funnel vicinity.	Arapahoe County		4:40PM					0	0	Tornadoes (2) *
Mobile, Baldwin Counties		6:00 a.m.			0	0	6	6	Hurricane		Fie:		occurr	d abou	the	same	time		th dissipated
Counties	The	through 12 Noon e center of	Hurr	icane C	amilla	mov	ed in	n Mis	sissippi Coast	Aurora		5:00PM			1	,1.		. 14	Lightning
	Was	s∐կև mph wt	th gu	ts to	74 mpi	. H	urrica	ne for	Field in Mobile se winds on Dauphin		tre	near whi	ch the	were:	stand	ing.	The F	an rev	htning struck a ived after treat- piratory failure
] .	es	timated at	10 fee	t above	non	tal o	nigh	17th	Bay. Tides 18th. Greatest operty damage on		due	to electr	ical s						
	Dat	ibhin Islan	d. im	ediate	Coast	l. an	d Cans	wav a	ross Mobile Bay beans and corn wind and 50% to	El Paso, Pueblo, and Otero Counties	1	Afternoon	1	storms	ause	a lie	°L nt. to	C	Thunderstorms te damage in
	tic	er entire a les. Of c	rea. op dar	of prop mage 90%	erty due	to w	ge 50% indan	due t	o wind and 50% to to rain.		sca1	tered loc	litie	. Flas do Spri	h fl ngs,	oods and	from h betwee	eavy r n Colo	sins closed high- rado Springs and
Mobile County		3:10 pm	obser	red by (	0 cast	0 Guar	d helid	opter	Funnel about 8 miles		Hear	y rain in	an ar	ea soutl	of	Puebl	o caus	ed loc	Junta area. al flooding along ere hail in the
	1	rthwest of		ĺ	1	) '	i				Blac	k Forest	rea no	rtheast	of	color	ado Sp	rings,	where hailstones
Spanish Fort, Baldwin County	To	h:15 pm mado dippe public and	d down	and ci	t sw	th the	l arough d east	1 pine	Tornado trees. Observed		in	everal ar	eas.					_	
	~									Walsenburg		2:40- 3:30PM v rein wi	th hail	stones	up te	li	heh di	ameter	Hail caused damage in
Alaska		No repor	t re	ceived	by 1	prin	ting	deadl:	.ne		por	ions of t			,				
Arizona Sahuarita (near)	1	9:00 p.			0	a	0	0	Tornado	Fremont County	A se	7:00PM vere hail rate to h	storm,	stones	1 to	2 1 8. W	nches indows	in dia	Hail meter, caused s and automobiles
(100)	P11	ot observe	ia to:	mado o	n the	grou	nd in	open d	esert country		in e		f Pen	ose, ar					ple orchard areas
Sun City	ror 1	18 minute 7:20 p.	s befo	re it n	etrac O	ted 1	nto th 5		Wind	Kit Carson County		Night v rains ca	used I	ocal fl	2 ash	0 100d	°4 ing in	Careas	Flash flood north and east of
1	Str	ong winds	associ	ated wi	th a	thund	erstor	n caus	ed considerable		Burl was	ington. '	wo peo	ple wer nighway	e dro	wned miles	near east	hidnig of Str	ht when their car atton. Eight
									inder construction.			nes of rai theast of			urs w	ere :	recora	ac at a	station two miles
Tucson	5	8:00 p.			0	0	4	0	Wind and rain	Crowley and Otero Counties	24	Evening					0	14	Hail
		damaged i			ngs a	nd ut	llitie	s, Ka	n caused		0rd		outh t	b the M					cen Crowley and as small sized,
Casa Grande	7	7:10 p.			1	35	6	0	Wind	Douglas County	31	3:LOPM							Funnel
	down	da were blo med. Most e wind dar	of the	injuri	les of	curr	ines, ed in	ooles nobile	nd trees were home parks,			unnel clou th-southea				the 1	arker	area,	about 20 miles
Tucson	7	7:00 p.	Ū.		0	2	4	0	Wind	Connecticut Northwestern sections	4-5	AM-PM			0	0	6	4	Rain
	Str	ng winds o occupants	lisrup	ed util	itie	and	unroo	ed se	eral houses.		Pol 1	wing clos	e on s	cattere	d hea	vy sl	owers	on Au	pust 2-3,
Tueson	11	4:00 р.			l i	10	4		Wind		dren Augu	phing rain at 4-5, ca	s alte	rnating rooks a	with nd ri	vers	entia incli	ding	oours on the Farmington ting roads and
1	Wind	damaged lass when	usine:	ses and	home	8.	en per	eons v	ere injured		brid fami	ges, overt lies from	axing their	dams an homes.	d for Prec	cing ipita	the e	acuat:	on of many 4-day period
Phoenix	13	7:00 p.	- 41.2		0	0	4	1	Wind		flas	h flooding	as ea	rly as	Augus	t 2,	most :	section	experienced as were affected
	Nort	h Phoenix	was hi	t by st	rong	wind	2550	iated	with a thunder- ties. Several		Grea	test damag	e occu	rred im	media	tely	about	a lin	me evening. from Torrington hard hit. Local
1	plan	es were ov	er turr	ed and	hanga	rs we	re dar	aged	t Deer Valley		flas and	h flooding as far eas	occur tas W	red as indsor	far s Locks	outh on	as De: the Fai	by on mingt	the Housatonic on. Road damage
Tucson (near)	16	7100 p.			0	0	5	٥	Tornado		due in N	to washout w Prestor	s was	extensi e flat	ve an	d lar	ndslide	в осст	urred especially nuckled under
	Torn in t	ado demoli he village	shed s	everal nto Tom	house as.	s and	damag	ed a n	umber of others	Northern New Haven	the	weight of	the wa	ter.					
Apache Junction	17	11:00 p.			0	L	4	0	Wind	and southern Hartford Counties		5-6 PM			0	1	5	٥	Thunderstorms
	Wind were	damaged a	numbe light]	r of ro y when	ofs a tr	nd tr iler	ailer overt	homes imed i	Four persons n the wind.		fail	ures. Nur	erous	lightni	ng st	rike	s set	fires	ensive power in Waterbury,
Sahuaro Lake	28	7:00 p.			1	1	0	0	Lightning		one Over	person. H all greate	leavy r	ains ca age occ	used	a ga lin	s main Taterb	break ury wh	in Southington.
	A ma for	n was stru shore in a	ck and thund	killed erstorm	by Hi	ightn 8 son	ing in	a boa	t while heading unconscious.		Was	ripped fro tning-set	m a w	rehous	by t	he f	orce o	fthe	wind and one
'	•				,+	. 50				, 1		S	- 1	• 1	г	- 1	1		,

		ı	Į.			. OF	ESTIM					н	Ξ			OF	ESTIMA		
		OCA	PATH	ATH 5)	PER	SONS	DAM	AGE	CHARACTER			COCA	PATH	ATH (	PER	SONS	DAM	AGE .	CHARACTER
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
Delaware Ocean View	5 Stre	9:30 a.	accom	panied	0 by he	2 avy 1	4 ain, s	() Eruck	Wind a trailer park.	Florida (continued) Apollo Beach (18 mis. S. Tampa) Hillsborough County	8	2:30p						i	Funnels aloft (2)
	Two inju	trailers	were o	verturn quiring	ed. hosp	Two d	ccupan	ts of	one trailer were age to the trailers	Pensacola (15 mis. SW AFB)	9	12:35p			!			:	Waterspout .
Southern Portion	İ	Morning	rrican	e Camil	le br	ought	minor	floor	Rain ing but not enough	Port Myacca Lake Palm Beach County	10	2:31p							Funnel aloft
:	to s	tall traf	fic. etown(	Among t Univers	he he ity o	avies f Del	t rain	total	s were: 3.31 in- ch Farm) and 3.20	Andytown Broward County		2:40 <b>-</b> 2:50p		 	0	0	4	0	Tornado •
Florida												mobile hom r damage.	es to	tally de	stro	yed,	two ba	ily dai	maged, one with
Tampa (3 mis. NW)	1	4:55p							Funnels aloft (several)	Ft. Lauderdale	10 Torn	3:28p	d dow	in we	0		3 traile	0 er parl	Tornado .
St. Petersburg	1	5:00p			0	0	3	0	Severe storm and lightning			y trailer							
	Dama	ge to powe	r line	s moder	ate.	400	-6000	peopl	e without power	Pensacola (8 mis. N)	10	7:05p				:			Funnel aloft
		eak of stomated at				rvice	diarq	pted.	Utilities damage	Miami Lakes Dade County	10	1:37p				1			Tornado
Ft. Lauderdale (5 mis. E)	2	7:07a							Funnel aloft	Key West (10 mis. NNE)	11	6:05p				1			Funnel aloft
Miami (5 mis. S)	2	9:10a				] ]			Funnel aloft	Key West (5 mis. W)	12	5:50p							Waterspout :
Pahokee (1 mi. W)	2	10:10a			i				Waterspout	Key West (15 mis. NW)	12	4:00p						:	Waterspout .
Palm Beach County									D	Key West (2 mis. E)	12	5:43p					,		Funnel aloft
Key West (5-10 mls.NE)	2	10:16a			:				Funnels aloft (2)	Key West (5 mis. SE)	13	11:31a					  -	j	Waterspout
Panama City (5 mis. S)	2	6:38p			:				Waterspout Waterspouts (2)	St. Teresa Beach Franklin County	13	2:30p							Waterspout
Tampa (9 mis. SSW) Tampa (6 mis. SE)	3	8:30p 4:17p		i		. 1			Funnel aloft	Avon Park	13	2:35p			0	. 0	4	0	Tornado .
Orlando (5 mis. S)	3	5:10p		: ;	1				Funnel aloft	Highlands County	Two	mobile hor	es da	maged,	confi	ng to	n from	a one l	tome, and minor
Orlando	3	5:30p			0	0	2	٥	Thunderstorm and			ge to loca 10-15,000							tges estimated
				į	:				lightning	Melbourne (5 mis. NW)	13	5:06p							Funnel aloft
		rted. Lo			ning	duri	ig sto	m. M	nor damage	Brevard County Cocca (Patrick AFB)	13	5:28p	l i	İ					Funnel sloft
Jacksonville	3	6:00p							Winds and rain	Brevard County	-	,,,,,,			İ	İ	!		
	Low	areas flo	de <b>d.</b>	Rainfa	l mea	sure	lupt	5" d	owntown.	Lake Pickett (3 mis. N Bithlo)	14	9:10p	3	1		0.	4	0	Tornado .
Haines City Polk County	4	afternoon			0	0	3	0	Wind	Orange County									ted with several tall tree.
Fork country	A ho	use traileribed as	r was	demoli	shed c	by st: loud"	ong w Deb	nds w	hich witnesses om nearby junked	Miami (20 mis. B)	14	9:18a	I		ì		ŀ		Waterspout
	l	was scat	ered		ì			1		Pensacols NAS	14	6:16p					1		Vaterspout
Cocoa	1	afternoon		16	0	0	3	0	Winds t, awnings and	(3 mis. S)	15	late			0	i .	3	0	Lightning
	shed		wn.	wenty	trail				Clear Lake			nf ternoon	i		!				
New Port Richey	4	12:30p				!			Funnel aloft			in home d down po							\$1 on antenna, \$2,500.
(12 mis. W) . Pasco County									and wind	Tampa	15	night			0	0	3	0	Lightning
W. Palm Beach (18 mis. NW)	4	3:40p		-		1		{	Funnel aloft		vaoa	cupied ho	e des	troyed.	) 				
(10 mis. nw) Key West (7 mis. E)	5	7:12a							Waterspout	Pensacola (10 mis. 8)	16	10:04a		1	:				Waterspout
Miami (15 mis. N)	5	10:00a				ı			Funnel aloft	Pensacola (9 mis. W)	17	12:15p		1	i				Tornado.
Marathon (3 mis. S) Monroe County	5	2:39p				1	 		Waterspout	Port St. Joe Gulf County	17	3:40p		} : !					Waterspouts (3)
Homestead (11 mis. NE AFB)	5	5:30p							Funnel aloft (3)	Pensacola (9 mis. E)	17	4:28p	house	damassa	0	0	2 Dwer a	o nd tel	Tornado *
Boynton Beach	6	8:20a							Funnel aloft (2)	Pensacola	17	4:30p				'			Funnels aloft (5)
(8 mis. ENE) Palm Beach County									and waterspout	Cape San Blas Gulf County	17	9:00p		) 			1	:	Waterspout
Tampa	6	noon			1	0	0	0	Rain and lightning	Escambia, Santa Rosa Okaloosa, Walton,	17 and				0	٥	°5	С	Hurricane CAMILLE
		year old log a drai				er wa	s kill	ed whi	le attempting to	Bay, Gulf and Franklin Counties	18	ļ							
Orlando (5 mis. N)	6	12:40p							Funnel aloft		The	effects o	 of hur	ricane (	AMIL	ļ LE in	Florid	a vere	relatively minor.
Key West (3 mis. NW NAS)	6	5:35p							Waterspout		No pro	reporting perty dame	statio	n obser	rved ; ed b	winds y hig	of hu	ricane which	force. Most ranged from an
Orlando (20 mis. E)	7	2:22p							Funnel aloft		to	generally	less t	than 2.5	fee	t abo	re the	astron	e Pensacola area omical tide east
Pensacola (6 mis. S)	7	2:45p							Funnel aloft		4.5	feet abov	e ast:	ronomice	<b>i</b> n	Sant	Rosa	Count	al areas were: ; 4.0 feet above normal in Bay
Key West (5-6 mis. N)	7	6:20p							Waterspouts (3)		Cou	hty; 3.0 t	b 4.0	feet al	bve :	norma	l in Gi	ilf Co	mty; and 3.0 feet tornadoes funnel
West Palm Beach	8	7:45a							Funnels aloft (2)		clo	uds and wa	terspe	outs rej	porte	d abo	re (on	the 17	th) were asso- lamages, including
(vicinity)	١	,,			I	1	I				l cra	#1 HIL I		- whit		. 200	-,- p10 <u>1</u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

			Ι_		T		COTIN	ATED†	1		T	1	_	1	T		T		AUGUST 196
		TIME - LOCAL STANDARD	P T	Ę		). OF RSONS		AAGE				TIME - LOCAL STANDARD	PATH	E		. OF SONS		MATED† MAGE	
PLACE		7 6	ES C	4 88			-		CHARACTER OF	PLACE		38	S S	F PA	Г		>		CHARACTER OF
	Į.	1 P	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	8	STORM		<u>س</u>	IE NO	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	æ	NJURED	PROPERTY	2	STORM
	DATE	TI ST	Ē	₽	₹	Ĭ,	8	CROPS			DATE	TIN	Ë	Q.	KILLED	N.	P. 80	CROPS	
Florida (continued)	<b></b>	h emeter	-m	mon 100	l	Lana	estime	lad no	ar one-half million	Georgia (continued	hatha	hieinee	l noon	htv ale		fara	d boar	dana	J ge. Other areas o
	907.	lars with	the ma	jor poi	rtion	of t	he dam	ges in	Escambia and		sout	heast Geor	igia we	re also	hit	by h	eavy r	ains w	ith damage to
	peci	ns blown	from t	rees.	TOB	ses w	ere mo	CTA TO	dged corn and		Cour		ges.	beverau	rura	μrο	acs we	Le CTO	sed in Tattmall
Key West (18 mis. N)	19	12:40p							Waterspout	Tallapoosa	2	4:45 p			0	0	5	0	Heavy rains
Pensacola (6 mis. S)	20	2:10p					ŀ		Waterspouts (2)		A 10	cal downpo	μr, de	scribed	by w	itne	sses a	s a "w	terspout" damaged
Apalachicola	22	10:30a							Funnel aloft		was	ruptured b	y the	caved 1	n roo	fan	d the	plant :	prinkler system as flooded by the
(3 mis. NWW)			1									were ruir						rments	and some equip-
Big Pine Key Monroe County	23	7:15a			İ				Funnels aloft (3)	Lyons and Vidalia	2-3		ļ	İ	0	0	5	3	Heavy rains
West Palm Beach	23	4:29p							Funnel aloft	Alex	Heav	rains ov	era p	eriod o	£2t	ρ 3 c	ays c	aused	extensive flooding e evacuated at
(5 mis. SW)     Key West (8 mis. WEW)	23	5:01							Funnel aloft		Vida	lia when w	ater r	pse 4 f	eet i	nside	d thei	r home:	. Several ily damaged in
Miami (7 mis. S)	24	11:21a							Funnel aloft		both	cities.		anim go	Lance	50150	VO WC.	io nea	ily damaged in
Key West (10 mis. S)	24	11:50a							Vaterspout	Alma, near	3	2:00 p			İ				2 Funnel clouds
Key West (7 mis. NW)	24	2:08p							Waterspouts (2)	Lithonia, DeKalb County	12	9:30 p	1/2	200	0	0	5	0	Tornado 🛶
	24	5:44p							Funnel aloft		Stor	hit Gunn	Airpo	rt and	damag	e was	gene	rally o	onfined to small ht planes were
Brevard County	"	);•••p							TARRET BIOLE		tota	lly destro	yed an	d numer	ous o	thers	suffe	ered da	nt planes were mage ranging from ees were twisted
Pt. Lauderdale	24	6:02p							Funnel aloft		off.	Storm wa	B acco	panied	by h	eavy	rain,	contin	uous lightning
Тажра	25	6:26p							Funnel aloft	Darien, McIntosh	13	3:15 р			0	5	3		Lightning
Ruskin Hillsborough County	25	7:00p							Funnels aloft (3)	County	-		f - f	milar ma				1	burns and were
											temp	orarily st	unned	when li	ghtni	ng s	truck	their	ouse.
Middle and Upper Keys Monroe County	25	night		İ	0	0	-	0	Waterspouts (2)	Gainesville	15 <b>-</b>				0	0	5	0	Heavy rains
		24-foot c ged by ro							two docked boats		Torr	ential rai	ns cau	sed hea 2 build	vy da	mage coll:	to st	reets,	homes and business the weight of water
Key West (5 mis. 8)	26	7:00a					1.		Funnel aloft		and	some resid	ences	were fl	boded	. T	denty-	four h	our rainfall was Several streets
Key West (8 mis. SW)	26	7:00a							Waterspouts (2)		were	closed be	cause	of wash	outs.				
Key West (7 mis. NNW)	26	10:11a							Waterspouts (3)	Royston	20	Mid.			0	0	5	0	Lightning
Key West (5 mis. WSW)	26	1:54							Waterspout			dings hous			ses w	ere	destro	yed by	fire after being
Mayo (7 mis. HV)	27	6:30p			0	0	3	0	Tornado									-1	•
Lafayette County									d, pack house	Hawaii			None	repor	ted		!		
	vent	ilator blural area	wa of	anoth	er fa	rm bu	ilding	Pow	blown down and or lines felled	Idaho									
Pt. Lauderdale	28	6:45a	i					ĺ	Funnels aloft (2)	Western Half of State	1-31	Every day			0	0	7	?	Dry spell, light- ning
(16 mis. NME)		0.472							rumers arms (2)		Unus	ually dry st provide	condit	ions ac	ross ation	Idah in	duri	ng the	entire month of half of the State.
Key West (11 mis. ESE)	28	6:58a							Waterspout		This	continuir	g dry	spell b	ad ac	cumu	lated	ļtв 53	to 59 consecutive anyons while 63 to
Ft. Landerdale (vicinity)	28	8:15a			1				Funnels aloft		65 s Plas	uch dry da na, South	ys had Wester	been o n Valle	bserv ys an	ed b	the tern	lst a half o	ross the Central
	28	8:15 -							Funnels aloft (2)										4 such days with- ency Fire Control
Dade County		9:15a						ļ ,			Idah	b actually	excee	ded tho	se in	196	, des	¢ribed	ldups in much of as the worst in
Ft. Lauderdale	28	8:46a			0	0	3	0	Waterspout	100	thun	derstorms	in the	State	on th	e 11	th. 12	th. 19	land fires. Dry h, 22nd, 24th,
									llisboro Beach From construction		Butter	er occurre	d on t	he 23rd	when	tem	peratu	tes so	Hottest day of the ared to 100° and
	site	в.				Ì	-				stat	ions range	d from	107° a	t Bot	hal se,	of tounta	he Sta in Hom	te. The hotter , Emmett, and
Stuart (10 mis. E) Martin County	28	9;20a							Waterspout		Orof	ino to 112	at F	iggins.					
Key West (4 mis. W)	28	11:40a							Waterspout	Idaho Falls, Bonneville County	4	Late	_			_			
Key West (1 mi. S)	29	2:12p							Waterspout				TOBB 6					cular	Wind ly strong in the
	29	6:13p							Waterspout		Fiel	d. A home	made d	amper w	as bi	OWT:	from a	picku	ported at Fanning at the field and
St. Petersburg	31	7:05a							Funnel aloft		the	field, A	amage mobile	to cowl home w	ing o	fa sod	Bonanz amaged	when	plane parked at blown from its
(27 mis. W)		_									foun	dation,							
	31	5:35p			İ				Waterspout	Illinois					ايا				
	31	6:00p							Funnels aloft	Union County	9	3:28p	?	?	0	0	3	0	Possible tornado
	31	7:00p			2	0	0		Lightning		Anna,	A barn v	ras des	clished	and	top	pectic	n of a	th-southeast of n 18" diameter
	Two   tree	1shermen	struck	while	seek	ing s	helter	from	storm under a		tree	was cut of round. W	fand	carrie	abot	it 60	U Teet	befor	e dropping to
Coordin										Union County	9	3:45p			0	0	4	5	Hail, high wind
Georgia Brunswick Airport,	1	10:07 a							Funnel cloud		Frui	t and veg	table	crops	egly	dama	ged al	ong wi	th trees, roofs,
21 miles NE	,						ب		Unnum wai		to 3	/4" diamet	nall :	up to	13".	Beg	an apr	with roxima	th trees, roofs, most stones ½" tely 3:45 p.m. rth to south
Douglas	1	pm 			0	0	5	0	Heavy rains		star	in gener	are 2 mi	es nor	h of	ies Anna	wid	th of	rth to south path about 22 apples suffered
•	ilood	ing of st	reets	ain wit	nın a eral	busir	esses	on of in dow	time caused ntown Douglas.		mile	s extendi:	g boti	sides	or Ar	ma,	reach	es and	apples suffered
	vate:	surged i	nto a	tobacco	WATE	nouse	ruini	ng all	the tobacco on rniture store and	1									

		XCAL.	PATH	Ē		OF SONS	ESTIM. DAM	ATED1				CAL	PATH	Ē	PER		ESTIM/ DAM		,
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
Illinois (continued) Chicago vicinity		3p - 5p							Funnel clouds	Iowa (continued) Sioux City, Wood- bury County	8 Shc	9:24 p rt path	in we	25 stern	part	of	4 Sioux		Tornado '
	15 W	l clouds W of O'Ha 45 p.m.	were are Fi	reporte eld at 1	10W :36	of O	'Hare and 35	Field WSW o	at 3:13 p.m., f Midway Airport	Sioux City, Wood- bury County	8 Tou	9:25 p chdowns	from	25 north	est	to s	4 outhe		Tornado arts of city.
West Central		aftn							Funnel clouds	Schleswig, Craw- ford County	8	10:00 р							Funnel cloud
iortheast	One	as repor							in at 2:15 p.m. 5:08 p.m. Funnel cloud	Storm Lake, Buena Vista Co.	8	10:00 p	2	70			5 .	4	Tornado
or theast	Somet	5:40 p. ime befor				ot re	ported	a fun	nel cloud over	Hamlin, Audubon County		10:00 p					4		Lightning
Sast-central	17	6 р							Funnel cloud	Jefferson, Greene County		10:18 p					4	4	Hailstorm
	north	6 p.m. west of ing the	Champa	ign with	ed a n fun	thun nel c	dersto loud h	rm in enging	progress 26 miles down but not	Granger, Dallas County		10:43 p				 	5	5	Funnel cloud Windstorm
Indiana		E.S.T.								Indianola, Warren County	Ha	11:05 p i1 1½ in 11:10 p	ch di	ameter		;	5	5	Windstorm
	Funne	5:40p. 1 reporte	d by p	llot.					Funnel cloud	SE Iowa	A1		tning	losse area.	s to	tale			0,000. Flood
North Manchester, 27 miles W.		5:25p. 1 moving	southe	ast rep	orted	by F	olice.		Funnel cloud	Keckuk County	Ab	11:20 p out 200 maged, h	squar	e mile ones t	s in o 2	nor	thern	5 part amete	Hailstorm of county r.
Northwest Indianapolis (Marion County)			3-4 blocks		ŀ	6	5 av. F		Tornado, wind *	2WNW Clarence, Cedar County	i	2:35 p	1	1		1	,		Funnel cloud
	molis shopp and a	ned, 4, m Ing cente partment	ajor d r near buildi	amage, Lafaye ng roof	and l tte R blow	4, mi oad a n off	nor da nd Kes . Tor	mage. sler i nado :	Some damage to lvd. Church roof een by two area do touch-down.	Fort Dodge, Webster County	Se se	1:00 a vere thu veral lo rly morn	nders sses.	Heav	y ra	rous in (	4 1igh 4.16	tning inche	Lightning strikes and s in a few
Shelbyville, 10 mi. NW (Shelby County)		•	ļ	Narrow pofed,	0 two s	0 chool	5 buses		Tornado	Kansas Western one-third		afternoon				0	6	6	Hail, wind, ra
Syracuse, south (Kosciusko County)		inor dama 4:45p.	ſ	Narrow	0		0	0	Tornado •	western one-onlin	One Log	evening storm cel an and Sco	l caus	hties i	ge in	Thom	as Cov	nty so rney a	uthward through nd Finney perty was
Brookville (Franklin County)	9	touch-do 5:30p. Hall der	10 plocks	Narrow	0	o polish	4 ed. F	1	Tornado, wind		Ham als dia	cially se ilton, sou cocurred meter near	vere i thwest in Gr Oakle	h the S ern Kea sham Co y and i	cott rney, unty. n the	City and Lan Bogn	area. Grant gest : e area	Anoth Counti all wa	er storm hit es. Hail damage s about h inche ns unofficially of Cakley.
	crop	damage oc	curre	near M	anill	e in	Rush (	ounty	i .i	Marshall County	-	early a.	10 10	Inches	0	0	3	4	Wind, hail
Montgomery, 5 mi. S. (Daviess County)	] }	6:30p. and grape		Narrow destro	o yed.	0	4	2	Tornado		Win cro	d damage o	ccurre orted	d 7 mil at scat	es No tered	of i	arysvi tions		Hail damage to
Evansville	Three				0 Iding	0 s had	4 windo		Thunderstorm wn out, Some	Kiowa County		2:30- 4:30 a.	23	?	0	0	4	5 d to 1	Hail elwidere.
Metz, 2 mi. S.		andise da Late p.m.			0	0	4	0	Tornado	Northern portion	20	morning	, venue	110	0	0	4	0	Lightming
(Steuben County)	Sheri barn	ff gave d hay, mca	lamage hinery	estimat and ki	e of lled	\$30,0 swine	00 fr	m tor	ado which destroyed			tning dem go Gountie		s repor	ted 1	bcal:	ly in l	emaha,	Cloud and
Batesville, 6 mi. W.		4:15p. Police o	bserv	d funne	ij mov	ring r	orth e	t 20	Funnel cloud niles per hour.	Eastern one-third	Lig	morning atning dam aklin, Joh				hy i		o son, l	Lightning ourbon,
Iowa Corning, Adams County		5:15 p funnel: 9 Storm	sig		(Er	rone	pusly	ente	Funnel clouds red in July	Finney County	21	about 4:30 p.	?	?	0	0	3	l, s nor	Hail, wind
NW of Lenox, Taylor County	2	5:30 p roneous		j	in I	ulv	969	torm	Funnel cloud Data)	Finney County	l	5:30- 7:00 p.		***		0	3 Nui o	4	Hail, rain
Shelby & Audubon Counties	6 Dam	3:30 p age exte	ensiv	arou	nd E	ik He	5 orn a:	5	Windstorm Hail over		uno	ficially	neasur	ed at	inch	es,	was re	orted	mb. Heavy rain in that area.
Woodbury County	6	7:30 p age in S		ŀ	!	i	5	4	Windstorm			l Loss Cle cially se	aring	House r	eport	sino			es g counties:
Buena Vista County	6	8:30 p	1	,,					Funnel cloud		1	Finney,						}	
NE Woodbury County	6	8:45 p				!	!		Funnel cloud	Kentucky	7	Afternoon			0	0	4	0	Electrical
Logan, Harrison County	7	3:00 a					4		Windstorm		1	tning appa	rently , 2500	set a bales	1	ì	ļ	Ι.	it and 5,000 ery.
Northwest & West Central Iowa	in	8:00 p siderab: Guthrie th cents	le wi Coun	ty, S	age :	in S:	5 oux ( dama	5 Sity. ge in	Windstorm Hail damage to central and	Blue Grass	At 1	p.m. 2:50 p.m.	a fire	appare	0 ently	set	o <sub>5</sub>	c	Wind, lightnin hail destroyed a bar
Sibley, Osceola County	sou 8	8:20 p	1	owa.			i i	1	Funnel cloud		in S and was Clar	cott Count 1,000 bale destroyed k County	y, and s of h by fir	contentay. At a appar	nts in nigh mently ity of	nelud nt in set	Madiso by lig	n Counh	er, farm machine ty, another bar . At 6 p.m. in torm moving from
Hartley, O'Brien County	8	8:30 p	į				i		Funnel cloud		the dama	northwest ge. 9 bar	to the	south	east v	as r to ha	espons:	ble fo	orm moving from r considerable ed or destroyed tennas were dow

					_										,				AUGUST 1969
,		CAL	PATH	Ę		. OF SONS		ATED†				CAL	РАТН	Ŧ.		. OF		ATED†	
PLACE		TIME - LOCAL STANDARD	₽	WIDTH OF PATH (YARDS)	Г		>		CHARACTER OF	PLACE		TIME - LOCAL STANDARD	19 (§) 13 (§)	WIDTH OF PATH (YARDS)			,		CHARACTER OF
		NDA	LENGTH OF (MILES)	Ή G Y A R		9	PROPERTY	N N	STORM	, 5.462		NDA	LENGTH OF (MILES)	7. AR	a	E G	PROPERTY	8	STORM
	DATE	STA	Ä	¥ D	KILLED	INJURED	20	CROPS			DATE	TIM	Š	¥ 0	KILLED	NJURED	8	CROPS	
Kentucky (continu	ed)		<u> </u>	L	<u> </u>			1	<u> </u>	Louisiana (continue	<u>l                                     </u>			1	L	<u> </u>	ļ	l	<u> </u>
Tronouony (commun	over an	area l	5 mile	s long	and 2	g mil	es wi	e; sta	rting at the n diameter fell on crops. Three		grov	refineries	and s	torage	tanks	i enfi	fered a	donat de	onshore facilitie rable damage.
j	most of	this s	trip,	damagir	gar	umbei	of to	bacco	crops. Three our others were		Almo	st 100 ves	sels,	ranging	from	tug	, bar	es and	crew boats to mines. Lower
	reported						пашав	e and .	our others were		rsect	10ms of St	. Berr	ard Par	fiah a	and no	artions	ച്ററ്റെ	stern Orlesse
State	9				1	16	5	7	Wind, electrical,		rari	an inmunat	ea py	tides r	angar	M Iro	כ.4 מול	to II	ft. St. Bernard
									hail		into	the easte	rn par	t of th	e New ualti	Orle	ans me	tropol	winds extended itan area but left hes. Prompt,
									chiefly in the htning at 3:45 p.m.		aTEO	st 100 per	cent e	vacuati	on of	the !	delta	areas	reduced casualties. O mph in gusts in
	CST at 1	Windy F	ollow	Lakes n	ear (	wenst	oro i	n Davie	ss County. Five		east	ern part o	f St.	Tammany	Pari	sh (S	lidell	) and	130 mph in guata
	Bluewat	er Esta	tes or	Lake E	arkle	y in	Trigg	County	d a cabin at A man was		μ/~	dr earth m	orning	of 18"	88 8	torm	center	resse	late evening of d a few miles to
	injured County.	by a f	alling us sou	tree a	t 5:4 porte	5 p.q d fro	n CST	at Wat	er Valley, Graves njuries due to		the and	east in Mi Widespread	prope	ppi. E rtv dam	ttens age t	ive w	dind da Ditv 1	mage t	o standing timber
	wind  in	the Pa	ducah	area of	McCr	acker	Coun	ty. Ti	ere were numerous		pacı	Hitles iro	t wind	and fa	lling	tree	abs. At	least	50 percent of tung hes eastern St.
	This day	nage co	nsiste	d mainl	y of	tree	limbs	or tre	etions of the State es blown down ouildings, mostly		h erzen	any and war	sningt	on Pari	thes.	Bot	h wind	and r	ain diminished
	minor,	downed	utilit	y lines	with	resu	lting	power	and telephone		From	Western se	ection	m these	Part	ahaa	Flder	177 0011	damage reported ple drowned when
	in seve	ral are	as, bu	t there	were	no ¢	onfir	ned to	ed by the public nadoes. Some of		stor	near Slid	ell.	tal as	hey 1	vere	attemp	ting t	leave during
	downed 1	by wind	: Chr	istian	Count	y. 3	barns	downed	ton County, 2 barns by wind; Shelby			Ì					l	ŀ	
	County,	one ba	rn dow	ned by report	wind; ed \$5	Tr:	gg Cor	unty, o	ne cabin badly ind to 4 marishas	Calcasieu Parish	19 Sig	8:45 a.	es sou	thwest	f V1	nton.			Funnel cloud
	at Lake	Barkl	by res	brt lod	ge: C	lark.	one o	r more	barns downed by	Orleans Parish	19	10:39 a.							Funnel cloud
	set by	lightn	ing se	sever	al fi	res w	hich o	estroy	Fires apparently ed buildings,		Oba	erved from	WEFO,	New Or	eans	wes	t, mov	ing we	st-southwest,
	Nelson	County	. Hai	l was r	eport	ed at	widel	y scat	County, a barn in tered locations to	Lake Pontchartrain		10:41 a.	1 .						Waterspout
	Spencer	used s Count	y; mar	mage to ble-siz	toba e hai	cco c	rops i	n Nels ted in	on County and McCracken County.		l		1— <u>\$</u> ⊞7	les nor	in-no:	rthea	st of	Lakeir	ont Airport.
Grayson County	15 Aft	ernoon			0	1		]	Wind	Lake Pontchartrain	Fun		noved	over la	te fr	om ea	st sho	re wes	Funnel cloud t of Slidell.
	A man s	ustain	ed ext	ensive	iniur	ies v	hen a	audden	gust of wind	Lafourche Parish	22				,				Lightning
	toppled	steel	frame	vork be	ing e	recte	d.		522 02 2220			killed by	light	ning wh	le f	shin	g at I	ittle	Lake, near Larose.
Scott County	16 5:	31 p.							Funnel cloud	Gulf of Mexico	24								Waterspouts
									aloft		Sev	eral waters	pouts	sighte	off	shore	in th	e Atch	afalaya Bay area.
	west of	Georg	etown.	There	was	nave no re	been o port t	bserve hat it	d 15 miles north- ever touched the	Gulf of Mexico	Offi	12:00 n. shore 10 m	les s	outhwea.	of	: e dri	lling	rig an	Waterspout
	ground;	no da	nage w	as repo	ted.						80u	thwest of 1	Boothy:	lle.					, , , , , , , , , , , , , , , , , , , ,
South Central	17 p	•m•			0	0	4	?	Wind, hail, rain	Lake Pontchartrain	27			4 -6 15-4			١.,		Waterspout
	In Case	y Coun	y it	was repo	rted	that	2 to	3 inch	es of rain washed ind, rain and hail		n F R	nted 3 mile	a wear	01 1101	sant	inte	rnatio	nal Ai	port.
	damaged	tobac	co cro	s. In	the	sout h	ern se	ction	of Pulaski County	Maine									
	damaged	prope	rty and	crops	alon	gaw	est-to	-east	ing about 6:15 p.m., path about 1 mile	Spruce Head	8	11 p.m.	1	50	٥	0	4	2	Tornado, hail, lightning
ļ	trees,	TV ant	ennas a	and uti	ity :	lines	were	downed	oyed by high winds, , and there was			Tornado da was found							
1									e were several t no accounts of			clearly de	fined o ama	path in	east	ward	movem	ent.	Hail 3
	persons	actua	llv ha	ving se	an dan	bage l	being	done b	y a funnel. Hail "was reported.			inches des							
	The hai	l stri	pped so	me tob	cco i	crops	accor	ding t	o reports, leaving heavy damage to	Southwestern	25	P.M.			0	0	4	4	Hail, wind,
}	tobacco	, prim	arily :	n the	Sourb	on Ro	ad are	a and	at Nancy.			Thundersqu	alls v	ith hai	1 up	to g	olf ba	ll siz	lightning hit
Laufalana												local area with hundr	eds of	window	s bro	ken.	and a	boles	ind
Louisiana Gulf of Mexico		:41 p.	, .,	a	ء ء		Ta? -		Waterspout			other crop to buildin	gs. V	ind tor	onsid pled	tree:	Le lig and :	imbs,	demage with
	Pilqt r		, mrre	west	or G	ena	TBT6.					utility ou	tages.	1				}	
Lake Fontchartrain		:10 a. eport :	15 mil	es norti	i-nor	theas	t of M	bisant	Waterspout International	Maryland							_		_
	Airport									Pylesville, Harford County	1	6:00 a.			0	2	3	0	Fog
Jefferson Parish	9 12 Oheamin	:40 p.	Massav.	Note A	AC		(me+	10 -	Funnel cloud les southwest.										g heavy fog; the y hospital.
Water to a second			, varo,	NOW UT.		est		1		Southern Maryland	2	Late			0	0	•4	С	Wind, lightning,
Natchitoches Parish	10 7 Thurder	storm v	rinds e	stimate	d at	65-7	3 5 mph₁	0 uproot	Wind ed trees, broke		-	Evening							hail, rain
	limbs, service	knocked . New	down	power 1	ines	Ab	out 60	0 tele	phones put out of	1									and crops in
li di di di di di di di di di di di di di	Natchit	oches.									bac	o fields	were d	amaged	by wat	nd an	d hail	. Ero	inty. Some to-
Jefferson Parish	15 2 Observe	:28 p.	NAS-C	llanda	ו יבוק.	d	+1	nd E =	Funnel cloud iles west;		des	troyed a h	оте пе	ar Welc	ome.	Tree	s, ele		et by lightning, and telephone
	dissipa	ted by	2:40	·	10	u. e	TEILL	E 1 2 E	TTER MEST;			es were al	so dow	ned by		g win	lds.		
Portions of Southeast and East Central					5	?	8	7	Hurricane	Havre de Grace-Port Deposit-Perryville	3	07:00 p.			0	0	5	0	Rain, flooding
Divisions	18								CAMILLE			Midnight			ļ				
	Cubal dur	ing la	te aft	ernoon i	next l	dev d	nd NNL	thron	ed across western gh Gulf of Mexico										shouts and cave- eposit and \$50,000
į	on 16º a	nd 17	befor	cente	res	ched	Missis	sippi	Coast near Hancock- rants of storm		in l	lavre de G	race.	Unoffi	cial	repor	ts of	rainfa	il included: 4
	which wa	s extr	emely	small b	it of	trem	endoud	inten	sity, moved over afternoon and		sto	m total of	£61n	ches at	Port	Depo	sit.	Nearby	de Grace and a official stations
	evening	of Auch	ust 171	. Intel	ase wi	indal	astin	ated th	n to 160 mmh at										inches at Aberdeen, 41 inch at Elkton.
	surge, w	ith wat	ter le	rels 5 h	to 15	ft. l	above l	normal	massive storm , almost totally	Central Eastern Shore	9-	Late			D	0	5	o i	Rain, wind
	Beveral	places	from	Dapire	south	ward	to Buz	as. Bo	mines Parish. In othville, and		10	Evening to Early							
	Venice n levees,	orther inunda	ly wind ting h	is push lilt up	ed sto sect:	orm si	urge d	ver ea eet de	st and west bank			Morning		ĺ		- 1			
	trapped	by back	k levek	. More	theb	n 1500	D home	a dest	royed or severely ing. Some 8,000										ong gusty winds,
	head of	cattle	lost,	about 1	hree	quar	ters o	f Plaq	ng. Some 8,000		bro	gnt damag	to s	cattere	are	as.	rLoodi	ng was	reported in Kent

		CAL	PATH	F	NO. PER		ESTIMA DAM					CAL	РАТН	H		OF SONS	ESTIM DAM	ATED† AGE	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF !	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
Maryland (continue	d) i			l	 				L	Michigan (continue			L				!	l	
	Coun		near F	airlee	was w	recke	iby s	trong	\$50,000 flood dam- winds; trees were	_	ı	10PM-1AM			0	3	4		Thunderstorm - Heavy Rain, Seiche
Northern Prince Georges and nearby Counties	9- 10	Late Evening to Early Morning			2	0	5	0	Rain, flooding		of c	Ontonagon er. Thre	busi e per	ness d sons w	istr ere	ict, inju	with red w	up t	and two blocks o 16 inches of wo autos drove
	alon thei was seve	derstorms g streams r lives to swept off rely damag	and lo	ow-lying to rescu pad alor Flooding	area ie a i ig Sli was	arood go Cr also	wo vo led fa eek. repor	luntee mily w Roads ced in	flash flooding r firemen lost hose station wagon and bridges were other areas, in- urel and Beltsville		Rive the term Wed.	r, two b next day ed a tot PM, a w rmittent	oats , one al lo eak s ly lo	were c (an l ss, th eiche wered	apsi 8-ft e ot was and	zed tri her note rais	and s ple-h suffe d on ed by	ank. ull r red l Lake 6 in	At Big Iron When raised unabout) was ittle damage. Superior which ches at periods am carrying logs
	wher comp many	e the wate	er was der wat Amon	seven t ter. To ng the l	o eig tals eavi	tht for over est to	et de three stals	ep; so inche	me automobiles were s were recorded at .12 inches at Belts	Escanaba,	and	debris f	rom t			1	4		Thunderstorms -
Anne Arundel and Prince Georges Counties	18	1:00 2:00 a.			0	1	5	4	Wind, hail, lightning		dock	us, and b	pats	in the	Esc	anab	a to	Garde	Wind e to trees, n Peninsula s State Park
Countries	in n part line a to	orthern An ly wrecker s were top bacco fare	ne Ar	undel Co trong wi or broke ported l	unty Inds. en of 8 ac	On Man A es d	gara tree so in	ge nea s and the C ed by	d areas, especially r Crownsville was power and telephone rownsville area, nail while another		near brot in t	Escanab her. The	a, ki e fat	lling	an 1 dan	1-ye othe	ar ol	d and ther	injuring his were uninjured
	repo ing was most	rted 10 a glass when driving. intense	res d a tro Long-	estroyed ee fell time res	acro iden	n Ann s the s re least	apolis cab corted four	firem of the the l fires	nn was cut by fly- firetruck that he lghtning as the were set by lightnin	Au Gres River Valley, Iosco- Arenac Counties	Flo	nted. Ti	his st	orm a	dded	to	the e	rea c: arlie:	Heavy Rain - Plooding cops to be re- loss. Pickle as of water.
Boonsboro	18	1:00 3:45 p. barns, the	e one	empty ar	0 ad the	0 e oth	4 er fil	led wi	Lightning th 1000 bushels of re destroyed by		Bea Whi	ns, repla	nted toppl	are	now o	cove:	red w	th s	lt. Winds at w over a camper
Central Portion	fire		ing st	uck by				ee cal	ves were also kill-	Detroit, NW Sub- urbs, Oakland County	1/4							oved ·	Thunderstorms - Winds through the minor damage.
	Thun in A	Afternoon derstorms nne Arund	broug el Cou	nty. F	100d1	afall ag wa	to sc s repo	attere rted a	d areas, especially long some of the		Nin		s were						s along the
Southern Maryland and Southern Eastern Shore		Late Evening to Early Morning	+lying	areas.	0	О	4	0	Rain	Minnesota	Dur ly dia movi	ing the da large storn meter, com ad on a her ters were a	y and on areas nosed s ading s about s	rada: f seventing f seventing f seventing f seventing	Augu rech ral i and p apa	st 6, ces 2 rregu erall	two markets the two markets th	elativ ile lis) he rtherl	»-
	or a ed f Anne The state	local flocal flocal flooded bas was estimated for the following fons: Pr	oding sed. sement nated are r incess	Some cor s. Dam at \$9,0 ainfall Anne,	road merc ge to 00; w tota 6.36;	s and lal e o a j ater ls in Solo	stree stabli unior rose l inche	shment high s feet for 13;	all which caused e reported closed s and homes report- chool in Princess in the boiler room, selected weather Snow Hill, 4.95; iles NW), 4.20.		From wine sport	cern developm and both these two dehailstorrut. The stantage of the stantage o	oped rath storm storm ki	pidly ms move areas lve to lled l	were nado	of W ross spaw es an sons, lars	adena the St ned tw d one injur proper	about ate. o majo water ed 106	
Massachusetts Malden, Medford and vicinity	2	3-5 a.m. Pre-dawn causing h	flash eavy o	floodin damage b	0 g rai efore	0 n fil resi tents	.4 led ma dents when	2 my ba awoke furni	Rain ements to the		and torn Auguste	lic utility s, 2.0 mill different nadoes are ust, 1969, ail are eacurring duri	behavi discus "Clima	llars of for path sed mon tologic he torn	rop : erns e ful al Da	of t lly i ata".	ne twe n Minn Felo	varied lve esota, v in	
State	. 4	store bas	as hit	by was	0 hing	0 and f	4 loodir	4 g rai	Rain, lightning	St. Cloud, Stearns County	6 Ligh the	4:30am thing str corner of	ick and	destro	o ved a uth Av	0 lar enue	5 e chu in St	ch on	Lightning
		especiall areas, wi damage to lightning	th was	shouts a in Con	nd ce necti	llar cut V	floodi alley.	ng. M	ich ered	Polk, Red Lake, Clearwater & Beltrami Counties		Late Forencon arge storn	area a					ter	Hail & wind
Southeastern	8-9	Numerous fires, es damaged o Scattered	pecial commerc wind	lly in t ial gla damage	he Br dioli with	ockto and some	n ares garder	Ha:	ili 3.		and for to I wide into	winds; fir 35 miles of Prooks area moved EME northern mearly 100 caused wi	rst about of as; sec for 5 Beltra X in π	nt 10 m Morth I ond cel O miles mi Cour mny par	niles Dakota il abo from ity.	wide throut 6 near Hail the	moved ough C to 12 !(cIn crop storm	EME limax miles tosh amage and	
State	16	evening Local thu Heaviest in the Gr 5 inches	nderso storm eenfie	qualls h reporte eld-Turn ir fell	0 It vs d in ers F local	orious Frank alls	lin Co area w pstly	mere i in le:	pecially up to sa than		many farm was airc mach tree esti	buildings outbuildings received heraft hanga ninery was so blown on mated near	in it ings, s by an a ir near common to the 2 mil	s path. everal irplane Fossto from b	Wir parms near on, ar paing op hai	d des ma; Lens id das over	trove for dan by an mage to turned mage w	many nage an farm or	
		one hour. washouts, house fou and limbs lines. S	Heave cella indation crus	y washi ar flood on was u shing an ghtning	ng an ling, nderm auto dama	d flo and c ined. and	oding rop lo Wind damagi Heavy	vith research	rфad One i trees ility	Lake Ecmidji, Beltrami County	6 Wate	12:15pm 12:15pm erspout tou 13:20pm 3:20pm 3:40pm	Short ched d	Narrow own bri 50-300	fly	O La	O ake Ber	0 nidji 0	Waterspout Tornado •
Michigan East Tawas, Iosco County	Two	5:30 PM men wer	e teπ	porari	0 ly p	2 aral	0 yzed f Foo	by a	Lightning lightning bolt m. Both were		sout 13 f	us tornado 15 miles heast edge armsteads s in lake italized a	due we of Bi south region and num	st of P g Porta and eas east o erous m	ine R e La of Bac inor	iver ke. Backu kus, injur	and 1: It de: Is and I were ies we	fted troyed 11 perso	ns
	hos	pitalize arms, hi	d for	treat	πent	. 1	njuri	es we	re mostly burns		reno esti	nted. Dam mated at A	#ge to \$50,00	proner 0.	ty, t	imber	and t	tiliti	ÞS

		н	Ŧ		NO	OF	ESTIN	MTED†				J	I		NO.	OF	ESTIM	ATED!	
		OCA	PATH	F.	PER	SONS	DAI	AGE	CHARACTER			OCA	PATH	¥.	PER			AGE	CHARACTER
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
Minnesota (continu				<u> </u>	1	نـــــا	L	<u> </u>		Minnesota (contin	ــــــــــــــــــــــــــــــــــــــ	F **	<u>-</u>		لتا				<u> </u>
Cass & Aitken Counties	6	3։ և8բա և։ 28բա	33	½ to l½ mi.	12	70	6	0	ornado •	Maniesota (contin	Lake	which is a	bout	one mil	SOU	th of	Ely.	Damag	ie
	utin	g tornado h touched	moved	between	Ear	nd EN	E at a	bout			Trees	layed pri	maril;	to the	nor	theas	t. Or	re H	
1	noved	through i d just son of Outing	he Out	ing ar	ea ab	nt 4	Olibu	and			about	2 minutes	with	a jet-	ike	oar.	10000	Ï	
í è	side	of Rooseve	elt Lak	te.9 w	are ki	llled	on th	e east		St. Louis and Lake Counties	6	About 5:50pm	21	50- 400	2	3	5	0	Tornado -
	side, to pr	and one poperty.	erson	near Re	stump:	oir L	ake. 2.150.	Damage DOO.			Boule	6:15pm Mer Lake t	ornado	moved	east	at al	out 50	mph	
†	he twith	ree damage varying wi	showed ths.	d circu	ular u	rinds the	on th	e grou do was	nd		touch	ed on eas les west	t shor of Two	e of Po Harbor	ulder	Lake	and I	ifted a	
	nearl simil	ree damage varying wi y ly miles ar to the	wide. Flood	The prood to	enera nado	l pa	ttern	was			Lake	were kil 3 are kn operty, r	led on pwn to	the ea	st sh een i	ore c njure	f Boul d and	der danage	
1	6	About	104	1 to 2		9	6	0	Tornado		was e	stimated	ht 312	B.000.	When	the	ltornac	lo .	
		և։25 pm. to և։38pm		miles				].	,		75 fe	k the sho et in dia	reline meter.	of Rou Trees	blow	Lake, n do:	it wa n shov	s abou	t
	town	Lake torns	uthwes	it of Da	rk L	ke a	nd lif	ted			it wa	lar rotat is about 2 d to the	on, n	100 yar	for ds wi	nost de wi	of its	path t tree	s
Į p	Damag	le north o	rty, r	oads, ı	t111	ies	and st	mpage			once	about one	mile	nd aga	in ab	out 2	mile	s.	,
	to th	ated at 56 a northeas rees layed orm stated	to the	ever, c	n the	nor	hern	side	7	Dodge, Olmsted, Winona & Fillmore	6	About 9:00pm			0	0	и	h	Winds & hail
	of st	orm stated about one	the v	rinds bl	ew w	th a	jet-1	ike	*79	Counties		10:15pm						ĺ	
	irec	tion then	a nort	herly	irect	ion.	on u		[~		and	derstorm hail dama	ed or	destro;	red 5	buil	dings	on a	
Mitken & Itasca Counties	6	About 4:50pm	11	?	1	?	5	0	Tornado .		in n	3 SE of orthern F	llmor	e, sout)	west	ern V	inona	and	
	Jacol	5:03pm son torns	do mov	ed EnE	at at	out 5	O mph	touche	d		were	heast Olm: recorded	et Roo	unties hester	Gu Airn	sts t rt.	<b>р</b> 58 п	ph	
1	down	west of J ty line. west of	acobso	n. 11ft	ling a	gain	near !	t. To	is	Roseau County	28	?			0	0	0	14	<b>Hail</b>
1	Jure	ا تعلقا ک وا	nomes	and / 1	erm o	utbul	lding	were			dama	derstorm o ge in Rose	an Cor	nty.	caus	sed s	ome cr	op hai	
l i	torn	royed. Th	ng dow	n again	some	1և ա	iles a	fter	l	Mississippi									
	imate	ifting. d at \$250	,000.	to pro	perty	and	timber	, est-		Jackson County	2	3:30 p.			1	0	0	0	Lightning
St. Louis County		About 5:00pm	4	150	0	0	4	0	Tornado •		Man	on Pascago 5 minutes	ula Co	unty ()	ub ge	lf c	purse	appare	ntly sought refuge
1 2	Kugle	r South t	ahlster	n and l	i ftod	74	ilee t	n.rc			thre	e trees we	re sti	mipped:	man's	clc	thing	Vas we	rees. Lightning he of them. All and electricity
I U	Damas	e to prop 00. Most	ertv al	hd stam	ha ce	est.im	ated :	dt.	•		Was	conducted of his tro	throud	th his b	odv à	nd ba	was .	dlled	part of right
St. Louis County	6	About	2	150	0	0	4	į.	Tornado •	Mississippi Sound	8	Before	. [						Waterspout
	ugle	5:00pm r North t	ornado	moved	east,	para.	lled a	nd			Wate	8:15 a. rspout sig	hted o	ff coas	t in	vici	nity c	Stand	ard Oil refinery long. 88.4°W).
1 6	torna	d about & do lifted at & &	l ⊓ami	boo to	hronal	atur m	nd et			Jackson County	9	Night	ue eas	C OI Pa	scago	nte :	Tat.		
E	simil	ar to the	Kugle	South	torn	ado.	as ver	y		30000	Abou	t 6։հն ը.ա	. man	followe	d Our	ne1_1	ika a		Funnel Cloud Aloft, Waterspouts his car and
St. Louis County		About 5:00mm	9	40 to		,	5	0	Fornado •		repo	rted it wa	a movi	ng towa	rd NE	. St	id to	have 1	ouched down near
1 5	south	tornado meast then	change	bout 4	se and	l movi	ed abo	it. h≟			long A ne	. 88.8°w). wspaper ar	Oces ticle	n Sprin with an	gs Ch Ocea	amber n Spr	of Co	merce atelir	noted "no damage." a locale indicated d three trees here
j 	of To	east-nor wer and l	heast Ited	touche outhwes	d dor	m soi	thwes Eagle	t edge Lake											
<u> </u>	ium be nated	r 3. Dame at \$110.0	ge to	propert Then the	y and	lstur ado s	npage starte	esti- d it			vere	followed r damage.	out of	the ar	ea by	poli	ce and	i appar	ently caused no
	:1rcu	bout 100 i lar rotat:	lon, bi	ht as it	wide	ned t	oda o	ht		Harrison County	10	6:30 p.	-		٥	1	7	o	Thunderstorm
St. Louis County		e trees we About	i i	m gener 1 to	O	20	e nor	1			Seve	7:30 p. re thunder	storm	activit	y ove	r is	lated	section	ns of the Gulfport
		5:05 pm 5:29pm		2½ mi.				?	Tornado .		to 8	l mph. wit	h heav	y rain	at Gu	lfpoi	t FAA	contro	6:30 p.m. gusted 1 tower (lat. 30.40 erty damage to
i i	Floo at 5	twood torn	hed da	wn 3 mi	les d	orth	est o	t			busi:	nesses and ice for br	resid ief pe	ences s riods.	nd in Hard	terri	pted a	lectri	c and telephone
]	Floo Leaf	lwood and Lake. Th	lifted ere we	l mile re 39 h	nort	heast f liv	of Ma	ple kille	d		Wood ping	glen Subdit Center in	vision Gulfp	in Mis ort. 1	sissi) he on	ppi ( ly in	ity ar	d the	Hardy Court Shop-
l i	esti	lamage to mated at \$	845.0d	O. Thi	s tor	nado	was la	irge			who his	lost some p	finger	s when	high	rinds	slem	ed a d	rug store door on
l 19	circ	ree damag lar rotat her sharp	ion.	The dam	age 1	rom ¢	enter	to	,	State	17-				132	5571	9	7	Hurricane CAMILLE
1 11	to 3∤	unile with	ile da	mage on	the	north	tanez	ed off	lv		18 Hurr	icane Cami	lle cr	cased e	vtro		tem (	ha 41	
	dire	tion near	ly 2 m	iles fr	om ce	nter.	4	James	~-		evac:	into the	GOLI Denst	01 Mexi 16th an	co.	Some	people	in Cd	astal Mississippi
St. Louis County	ı	About 5:15pm		100- 100	0	0	5	0	Tornado .		east	of New Or	leens.	OI CAMA	TTB M	as re	portec	about	120 miles south-
l p	touc	Nest Lak	just b	efore t	he we	st sh	orelir	e of			sure	26.61 ind	nated :	surface urrican	winds a force	up e wa	to 190	mph,	central air pres-
]	Eagle Lake	Nest <u>Lak</u> Demage	e Numb to pro	er 2 an perty a	d lif nd st	ted e	ast of e was	Grass	у		proac	hed Missis	sipoi	damagii	ոց համո	rrica	ne for	ca wir	e hurricane ap- ds and heavy rains
] [2	ima t 🛊	d at \$60, do were m	000.	Prees b	Lown	iown :	in thi	s			COSS	around 9	rne cen	10,20	ayer c	of Ca	mille Clerm	crosse	d the Mississippi bor, Waveland and north-northwest-
St. Louis County		About 5:30pm	1/2	150	0	0	l <sub>4</sub>	0	Pornado •		at th	e jeckson	Munic	ira) Ai	as it	HOA	ed ove	r land	. The peak gust
	Bear'	Island La just sout	te tor	nado mo	red e	est,	touche	d anten			passe	d about 10	mile	to the	east	1 0:	he eve	was f	he eye of Camille
ļi ļi	into	Bear Isla at \$10,00	nd Lak	Dam	age t	pro	perty	esti-			dimin	e north or ished to s	troni	ical de	then b	ec an	e indi	stingu	ishable; Camille
	6	About		70-				,	Tornado .		least	asippi bor 190 mon h	der.	It has	been	esti	mated	that w	ind gusts of at
_ 	ily t	5:35pm ornado she	owed 2	300 paths	o	0 toge	4 ether	o as			furth	er to the	east t	th but	were the	of h	urrica Gust	ne for	ce for a distance
T   1	ne m	oving eas	and	ast-no:	thea	it, te	uched	down			are e	stimated t	o have	extend	ed ea	atve	rd to	Horn T	sland, northward the eastern part

	OCAL	РАТН	ATH	NO. I		DAN		CHARACTER			OCAL	PATH	¥.	PER	OF	ESTIM/ DAM	AGE	CHARACTER
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
Mississippi (continu	of Walthall Co	unty.	Tides	of 10	ft. m.	s.1.	or mo	re occurred from	Missouri (continued	1)  20	1:00 PM					L		Tornado 🔻
	the Alabama bo Springs westwa	rder w	estward	from	about	t 15-	20 fee	t from near Ocean	County			. was c	bserved	to	lio di		efly o	on the southwest
								igher. In Bay 90 Bridge, a pres- astern edge of the		edge ther	of Rolla dissipate	and ur . Oth	roof ther	e U.S er wi	. Ge	ologic nd rain	Survey 1 dama	warehouse and ge to trees and
	eye passed ove communications	r. The	re was Persis	wides	presd some	loss	of els	sctrical power and		torn	ado occurr	ed dur	ing a s	udder	and	moment	tary le	ns of Rolla. The stup during a on the same parent
	In most of the associated wit	Missis h extr	ssippi :	urea a is anti	ffecte heav	ed, ti v raii	he hea ns: in	wy damages were the low-lving		thun	derstorm p	roduce	d a fur	nel a	loft	south	est of	Steelville, ees about 12 mile
	damage. For M	ississi	ippi. t	he Redi	Cross	rep	orted	d their share of 5,237 persons		east	of Steely						i	
	County). In a	11 abou	ıt 64,1	54 <b>fa</b> m	ilies	suff	ered l	16 in Harrison osses (around 70% destroyed or suf-	Fort Leonard Wood 7 NE, Pulaski County		3:37 PM							Hail
	fered major da	age (	about 8,	/liths	in Ha	rris	on Cou	nty). Approximate-		2/4	inch hail	report	en o'y p	mbtre	•			
	about 70% were operating on e	in the mergen	e coast cy powe	al are	a whe: oxchan	re 12 ges h	of that ad no	e exchanges were long distance	Montana Roosevelt County	ı	7	?	?	o	0	0	4	Hail
	cal power exte	nded f	rom the	coast	inla	nd to	centa	Loss of electri- al Mississippi with		Нв	i fell in	scatt	ered are	eas n	orth D cro	and ea	st of	Bainsville
	of milk being	ruined	because	ofs	ouring	g 8.5	far uţ	was a large volume state as Rankin ities is believed	Pondera County	!	11:30 p.m.		l mile		0	0	4	Наії
	by some to be	due to	tornad	pes (n	iot the	e hur	ricane	). No sightings on received. In	,	Ма	ble size	nail f	ell from	nan	orthe	astwar	d movi	ng storm in
	progress studi hurricane dama	es of ge but	initial we do	surve not ha	ıys (aı ıve pr	erial oof p	photo ositiv	graphs, etc.) show e of tornado			trip from theast.	six m	iles so	thwe	st of	Conra	ото <b>е</b>	ignt miles
	utility and ot	her co	mpanies	suffe	red d	amage	vary	docks, shipping, ng from moderata coast. In many	Sheriden County	20	5:30 - 6:00 p.m	. 12	3 mile:	0	0	7	С	Hail
	sections the w	ind an	d rain	combin	ned tio	do d	amage	to standing crops forest lands in		Α:	outheastwa	ard mo	ving ste	orm w	i ith h	ailup	to tw	o inches in
	12 counties we lost, Near 39	re dam 000 a	aged. cres of	about tung	10,00 trees	0,000 were	pound flat	is of pecans were ened and about		di.	meter caus m northwe	ed co	sideral southeas	ble d	Med i	to pr cine L	operty nke.	and crops
opiah County	18,000 tons of	the t	ung cro	o lost	,	٥	0	Lightning	Central and Eastern Montana	24		l		0	Q	?	7	Lightning
opian county		ings s	7-year	old	ooy wa	•		lightning while	Motor and	A	arge numbe	er of	ange f	res	ere	starte	d by I	ightning.
		nding	on a ro	ck nes	ar a p			father administered	Nebraska									
auderdale County	20 Late			1	2	٥	٥	Lightning	Scottsbluff County		Evening 7 miles n	15 orth c	2* f Mitch	0 ell s	0 outh	lı astwai	5 a to	Hail
	Woman age 53,	(of Ro						community) husband pond when a storm		100%	tsbluff. damage to	corn,	sugar	peets	, and			
	arose. They : killed woman,	oved t	o shelt	er un	der a	tree	ligh	tning struck - as admitted to	Scottsbluff County	cent	er of stri 4:15p				,	0	0	Tormado
owndes County	hospital. 20 6:09 p.							n	Scottsoral Councy	Obse	rved to to re dissipe	uch do	m brie	fly a	ndug			101.1200
Comits		ł	s AFR (	lat.	33.LN	. 1or	g. 88	Funnel Cloud Aloft  (6 W) reported	Northeast Custer,	1	Night	?	?	0	0	Ŀ	14	Hail, wind
								able to a tornado	and Loup Counties	Alme	tered hail ria area. crops seve	Build	lings un	roofe	d, ti	ees do	nt to	
Harrison County	22			0	0	?	0	Heavy Rain	Douglas, Saunders,	arın	crops seve	rery c	anageu	111 211	111	leas.		
	A driving rais								and Lancaster Countie	Scat	tered area	30 s from	15* Valley	to i	o aver	у. Не	5 aviest	Hail, wind
	several build	ngs ar a prec	d trees	prev.	iously hone	weak system	ened that	the hurricane		stri	ge in area ps ranged Stones	up to	là mile	B Wic	e and	10 m	iles	
ı	storm hit, the	to set	up was telepho	ne ci	ked ou rouit	reope	ned w	hours after the as to Biloxi.		were	wind driv	en and	accumi	lated	in	rifts.	Crop	
Missouri		i			ļ					dama	ge to wind	owa, r	oofs, s	Lding	•			
Troy, Lincoln County	8 7:30 AM							Wind, Rain	Jefferson County		l area nor			r P13	0 moutl	. Sto	nes	Hail
	upropted and	amaged	winds a many t	rees,	anied power	by 2	to 3	inches of rain several roofs.	Southeastern Nebraska	1	ed up to 1 hp-5:30p	60	1-3*	0	2	5	5	Damaging winds,
Sikeston to Bertrand Scott and Mississipp	1 1					Ļ		Wind, Rain		Stor	m moved so ardson Cou	uthwar nties	d from Damag	e was	to P	wnee a	nd from	hail
Counties	hour raked an	area f	rom the	east	edge	of St	kesto	to 90 miles per m through Miner and		and	winds, but excessive s blown ov	rates	of rain	rall.	Ba	ns ພາລ	oofed,	
	the steel roof	s of a	superm	arket	and a	serv	ice s	about one-half of tation in Miner were te a tumbleweed" for		etc.	hail was	mostl	y small	and	wind	driver	, but	ed
	about 300 fee	befor	e lodgi	ing aga	ainst	a fer	nce wi	th only minor cuts al damaged in the		the	vicinities Lorton, G	of Ri	chfield	, Avc	ca, l	ehawka	, Dun-	
	Bertrand-Diehl	stadt	area.		Ï				Platte County	6	7:40p	Short	Narrow	0	0	0	0	Tornado
Kansas City Metro- politan area	15- 1:40 AM- 16 6:15 AM				1			Record Rain			hed down b	]			]			I Had 3
	storm accumula	tion d	£ 7.74	inches	s were	reco	rded	a new record total	Stanton County	8 Wind	6:30- 6:45p driven }"	2 hail	2≱ dama∉ed	0 eror	0 s in	four	4 section	Hail
	Municipal Airg	ort St the 15t	ation. h and 6	Of th	he sto M. on	rm to	tal w	hich fell between		area								
	//.uu inches by	ղ ուսուդ	ght. T	ptal s	storm	accun	mlati	by 6:00 P.M. and ons between 8 and p just to the west-	Dakota County	8	9:25p- 9:32p	8	Narrow	1	1	l <sub>4</sub>	0	Damaging winds
		the K	ansas C	ity, }	Kansas	area	. St	reets, storm sewers		Sout	re thunder h Sioux Ci	ty and	Dakota	City	ove	turniz	g	
	occurred but s Kansas and Mis	ince t	he heav	iest b	rains	were	over .	and adjacent to the		Thes	e trailers e thunders em that br	torms	were a	part	pf ti	e same	stor	
North Kansas City,	19 4:00 PM							Furmel Aloft		see	Iowa Storm			te.				
Clay County								t was observed by		P11c	8:30p t sighted	funnel	cloud	0 30 mi	O les :	est of	0	Funnel cloud
	North Kansas (	ity an	d Glads	tone.	-1 06G	Trum	acver	ar recentous IN		Stap	leton.	I	l		ł	I	+	l

	OCAL	PATH	HT4	NO. PERS		ESTIMA DAM		CHARACTER			OCAL	PATH	Ħ,		OF SONS	ESTIM DAM	ATED† AGE	CHARACTER
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
Nevada Las Vegas Valley	9, PM			0	0	4	0	Thunderstorm, wind	New York (continue	lyi inc inu	hes of rain	n. Da way a	ı break nd enda	in T	bum 0 d 20	f LaGr homes	ange, with f	nurgh after L Dutchess County, Lood waters. Add
	A severe thun Valley, Dame roads were we into the lake	ge was shed av	not ext	ensi ve	e, ir	n the	Lake	he Las Vegas Kead area, blown 100 ft.	East Central and Champlain Valley	Cou 8	nty. Heav	r rain	s occur	red m	pstly	on 4t	h. L	llbrook, Dutchess Wind, hail, electrical
New Hampshire Central	16 evening Washing especial Many maje	Ly hard	in the	Mered	vari ith-L	aconi	a area	s.		Pas and lai cat	sage of col hail in ear Valley. tle, in Sar	d fro ast ce Winds ratoga	nt trig ntral c demoli County	sered	thunes an	dersto d loca barn, cofed,	rms wi lly in killi barn ee and	th damaging winds the upper Champ- ng 3 head of damaged and trees powerline damage and Greene Counties nd gusts measured by wind and 2- olumbia Counties. at Bridgewater,
Thornton-Woodstock	Many cell Beach. I old house	lars flo ightni compl	ooded. ng set :	Heavy fires,	eros	ion d	amage	at Weirs		in as at inc	scattered a well as the 15 mph. M hail in i htning fire	reas Alba My ac local dest	of Onei ny metr res of areas o royed d	da, C opoli corn f ne airy	tsego can a and h ida, carn	Colu rea wh ay fla Otsego and co	mbia a ere wi ttened and C ntents	nd Greene Counties nd gusts measured by wind and 2- olumbia Crunties. at Bridgewater,
	Tornado i ground. and some 8 miles I from tree	Large 1 over 2 ong and	inches about ering	in di in di 2 mil ground	y stb: amete: es wid with	nes 1 r in de st matt	inch an are ripped ed lea	the size 7 to leaves yes up	Erie County	10	early p.m.							Waterspouts 20 miles south-
	to 2 inch Gardens a many tree by fallin	und crop s and c	ps desti amaged	oyed	Wih	d upr	poted	and broke	New York City	15 E1d	p.m. p.m. erly woman	Buffal injur	c. ed when	ligh	1 tnine	struc	k home	Electrical
New Jersey West Milford	Heavy rains of flooding. An	opund 20	(0) peop.	to were	e eva	custe	l from	the West	Miagara, Orleans, Genesee and Wyoming	Flo way 16	ding from stoppage: a.m. to p.m.	brief n loc	heavy al area	show s of	the c	aused ity.	electr	to train and sub-
North-central and northeastern counties	Milford area No serious da				rsonh	el be	cause	of this threat.  Heavy rains,	Counties	Thur fou bad con Cou	nderstorms counties burned l cents of ha	between the property description of the property descripti	en 9 a.s Niaga tning croyed heavi	n. en ra Fr bolt by fi ly da	d mid ontie at Al re in raged	-after r sect tion, Town by li	noon a ion of Orlean of Ala ohtnin	ffected parts of the State. Man County. Earn and bama, Genesee fire in northern
	Torrential re	funn	cloud	is, pe	ssed e	eastw	ard ov	er New Jersey		NIE.	n was exce	Lock Lock yards ensive	ort, N and lo	icke lagar -lyi ed.	ns sa a Cou ng ar			pama, wenesee  fire in northern  r of 2.16 inches  extensive flooding  ng a golf course
	Rutherford at Funnel clouds	Appro inches	minate Township of rai corted of reported	y seven p, Pla in in eround i over	en ind infiel 23 hour four north	ches ld, a urs. inch heaste	of rai nd Cla The P es of ern So	nfell was rk. Plainfield sterson and rainfall. herset County	Southern Tier and Southeast		p.m. derstorms d areas al ter and Wes	with o	amagin he sout	g win hern hties	ds an tier in t	d hail from C he low		Electrical, wind hail idely scattered agus County to son Valley. Dair
New Mexico	by high winds damage to roo	at Te	terboro	Airpo	rt. Y	Wind din	lamage	were everturned was spotty, and communities.		bar Cou dam wit Cou	n destroyed mty. Winds mge to tree h hail, fla mty. Winds	by 1: with s and tiene also	ghtningusts of the state of the	fir measu y lin meres d tro	red a es in of c es an	t Stea t 54 m the E orn at d util	churg, ch. ca lmira Horse ity li	idely scattered agus County to son Valley. Dair; Cattaraugus used considerable area and, along heads, Chemung hes locally aroung ter County. Pow byerturned large
Espanola Gallup	silting to ros	ds, fi	elds, o	rchard 2	s, and	d chi	li ero	  Flash flood	Plattsburg, Clinton County(near)	sai.								overturned large s of four people. Wind
Colfax County	storm in Pine)	aven a	rea was led two	ed th	em in 2 njume	to a . d two	large other	n severe thunder- arroyo. Lightning s hiking along		row no: was	neck of 1 theast of 1 blown 150	and pr latts feet,	trudin burgh. damagi	int A 14 ag a	o Lak foot cabin	e Cham boat, in it	blain, tied s flig	rland Head, a nar about 5 miles to 150-1b, anchor ht. Large tree
Deming	13 Night	aged g	lass, r	oofs a	nd to	ees en	nd cau	Wind sed power outage.	Glens Falls, Warren	acc sto	mpanied by m which a	r la w	11 of	ater	ψ. E	isturt	ance p	ground. Winds art of severe st in Vermont. Wind, hail, electrical
	18 5:29 p. Barn and shed 5h knots at a:	rport.		les e	ast o	? f Tuc	ımcari	Wind Wind gusts to Funnel clouds	County	and	neighbori nties. Wi	ng vil ds up	lages o	sou	therr toppl	Warre ed mum	n and erous	y of Glens Falls western Washingto large trees, brok f city with atten
	7:18 p. Two funnel classifiers funnel c	nds re	f 5 min	utes d	urati	on; s	scond,	st of Cammon AFB. of 28 minutes ts at AFB to 50mph.		ant mot flo	damage to	roofs cover rubs.	porch ed grou Power	es, s nd bu and	mall t dam telep	sheds age li hone f	and ca	rs. Hailstones o ostly to gardens, s widespread and
New York State, except south- east	2 pers	evenio	n show	rs an	d thur	4 nders	li novers	Electrical, hail, wind ranged over all	North Carolina Brunswick, Lee and Richmond Counties		Late morn ing & aft	D		0	1	4		Electrical, rain
	but the south widely scatte berns, include Ontario Count	eastern red are ing con y and (	quarte as. Li tents o hamplai	r with ghtnin f hay n, Cli	h dama ng-cau and r inton	age of used i machin Count i. Oss	curri lires ery, y. S	ng in a half-dozen destroyed dairy at Canandaigua, torage shed con- bunty, while home	Scattered areas throug out State	by 1 - 1-5	ightning.	Flash	floods	dama	ged 1	asemer 4	ts, a1	on set damaged, orm drains & crop Rain
Hudson Valley (lower)	hay near Verr	s near ns tres	Elba, ( es. Wir eida Con	d fla	c Cour	nty, d som	where 20 a 5	estroyed 25 acres nigh winds also up- bres of corn and Rain, flooding	Pender County	movi Nume base	ng front;	of fl	red occ ash-flo	urrer oding	ces o	f seve	ral in e to s d road	nection with slow ches in a few hou torm sewers and is. Tornado
	Ulater, Orang	e, Dute	cronla	d flt	and r	northi	ern We othern	wide areas of stchester Counties. Orange County by nty included low		movi	ng front. relv damag	Loud ed. T	roar he hree la	ard.	Two	homes	and se	vicinity of slow- veral outbuilding a fourth strippe e carried 1/4 mil

ĺ		Ar.	₽	-		OF		ATED†				J.	Ē	_		OF		ATED1	
ĺ		TIME - LOCAL STANDARD	PATH	WIDTH OF PATH (YARDS)	PER	SONS	DAM	AGE	CHARACTER			TIME - LOCAL STANDARD	PATH	WIDTH OF PATH (YARDS)	PER	SONS	DAM	AGE	CHARACTER
PLACE		- I	LENGTH OF	P S S			Ě	Ì	0F	PLACE		- L ARI	LENGTH OF (MILES)	700		_	Ł		OF
	<u> </u>	AND	. E E	ξž	KILLED	INJURED	PROPERTY	CROPS	STORM		ΤE	ME And	P S	Ĕξ	KILLED	INJURED	PROPERTY	CROPS	STORM
	DATE	ST	"	*	Ī	2	ř	8			DATE	TI	<u>"</u>	₹	₹	₹	ř	8	
North Carolina (cor	1				i					Ohio			1	1	<u> </u>			Ī	
laden, Lenoir, Meck- enburg, Union, Wake	10	9am - 8pm			l		4	3	Wind, electrical, hail	Helena Area, Sandusky County	1	2:34p						ł	Funnel aloft
nd Wayne Counties	Scat	tered occ	Frence	s of da	macin	e win	d at a	iffer	ent times as a front		A f	unnel cl	bud w	as sig	hted	abo	ut 2	miles	south of Helen
	move	d eastward	acros	s the S	tate.	Sco	ut can	p and	beach houses damage			was not							
	and	umberton	afterr	oon; tr	ees b	roken	, rooi	s dama	Mount Olive, Kinsto ged and tobacco cro	Southern Half of	9	Morning					5		Rain, wind, a
		in Bladen igh-Durham					Gusts	to 50	knots reported at	Ohio	l .	-Late Evening							electrical
aldwell County		4 pm					0		Hail		Ver	v heavv	rain	fell c	ver	the	south	ern h	alf of Ohio
ardwerr County				l,	] ,			•	IMILE		cau	sing wid	espre	ad but	rel	ativ	ely m	inor	flooding. Alo (Darke County
		crop dama	ged ov	er 2 sc	. m1.	area					to.	Marietta	(Was	hingto	n Co	unty	) lin	e the	rainfall was
ackson County	12	5:15 pm	ĺ				0	4	Hail		5.3	<b>B</b> inches	whil	e Gree	nvil	le r	ecord	ed 5.	field reported 18 inches.
	Toba	co and ot	her cı	ops dan	aged	over	one so	į. mi.	area.		Lig	htning c	aused	ithe d	lisru	ptio	n of	power	in many areas in Clark
uilford County	27	3:30 pm					3	0	Dust Devil		Cou	nty. Se	veral	roads	wer	e bl	pcked	by h	igh water in
									weather whirlwind			single					ires	were	common. Great
									Greensboro Airport t the time.	Cincinnati Area,	9	5:57p	22	300-	4	247	,		Tornado, hail
										Hamilton and Clermont Counties				500					and rain
North Dakota										Clermont Counties	ł								
McLean Co.	3 Hail	11:00 p	2-3 -75%	40 mon dam	0	n are	? a fron	?	Hail, heavy rain Garrison to Mercer.										s tornado firs f Cincinnati's
	The	storm also	dropp	ed 2 1/	2 inc	hes r	ain ir	15 m	nutes over a wide		dow.	ntown ar	ea.	It the	n pa	ssed	thre	ugh p	ortions of
	area										Par	k, Silve	rton,	Madei	ra,	Indi	an Hi	11, a	berly, Deer nd Terrace Par
Central & South Central		6:15 p - 3:00 a							Tornado, hail, . wind		in Mil	Hamilton ford. Pe	Coun	ty and wn. Ow	nea	r or ille	thro	ugh p Will	ortions of iamsburg in
	Line	of thunde						and s	outh central		Cle	rmont Co	unty.	The	grea	test	dama	ge an	d most injurie
	appe	ons during. ered to be	g ever	ing and red on	earl two s	y mor	ning h	extend	Severest activity		are	numerou	s apa	rtment	com	plex	es, л	ptels	his area there and restau-
	Gold	en Valley	to Ash	ley and	the	other	from	10 mil	es west of is large as gallon										es also occurr area from
	jugs	and weigh	ing 30	pounds	, cau	sed	00% cr	op dan	age and injured		Ind	ian Hill	to W	illiaπ	Bbur	g is	more	rura	l so damages
	live	tock in S	mile alem.	wide sw 55 mph	ath f	rom n	ear Go	lden '	alley to 5 miles n Bismarck about		dam	age was	estim	ated a	t 10	to	12 mi	llion	Total storm in Hamilton
	9:00	p, and wi	nd dan	iaged do	cks a	ınd b¢i	ats or	Lake	Hoskins near ildings 6 miles										Within the urant was de-
	NE o	F New Sale	im abou	t 8:30	ip. d	olf b	all si	ze hai	l fell 10 miles		mol.	ished; p	art o	f a la	irge	mote	l was	dest	royed; an apar
	West 66 mg	or Garris oh hit Jam	estown	at 11:	р са 20 р	using	litt.	e dama	ge and winds of		of	severe d	amage	estin	ated	at	over	\$1,00	uated because 0,000. A rail
State	5-6	Late	l i		0	0	4	5	Tornadoes, hail										utomobiles wer up and dashed
		afternoon to mid-	1					-	storms, funnel .		to	the grou	nd.	Totall	v. t	he t	wiste	r lef	t approximately
		morning		l					clouds, windstorms		hom	es were	demol	ished,	200	wer	e hea	vily	do's path, 27 damaged, and
									and morning of 6th		abo	ut 2300 Bes and	other about	s had   100 mc	mino	r da hom	mage. es al	Twe	nty-five busi- re damaged or
	torn	ado touche	d down	5 mile	s nor	th of	Colum	ibus al	out 6:00 p to touched down			troyed.			-				
	about	t 6:30 p s	outhwe	st of N	orthg	ate d	estro	ring 2	farms about 2	Cheviot Area,	9	6:45p			ĺ		١.		Funnel aloft
	Boung	dary where	it re	portedl	ly dan	aged :	sever	l far	the International	Hamilton County								İ	
	was i	reported t	o be o	n the g	round	for	20 mir	utes.	Another tornado		A f	unnel cl	oud w	as sig	hted	10 T	miles	nort	hwest of the did not touch
	nort	nwest of b	ase.	The tor	nado	moved	sout	eastwa	ard at about 30mph			ground.		1111	011	• •	ile ru	111101	dia not toden
l	were	received.	Funr	el clou	ds we	re al:	so re	orted	reports of damage at Antler,	Toledo, Lucas	16	After-				2		1	Electrical
	Lans	ford and I	eering	during	the	late miles	afteri wide	oon.	Strong winds at distance of up to	County		noon							
	eight	t miles ea	stward	from N	.D. H	ighwa	y 41 a	about 8	miles north of										ocked uncon-
	root	ing trees.	Seve	ral cat	tle a	nd ho	rses v	ere k	in bins and up- lled or injured.		lig	ous when ntning.	a tr	ee und	er w	nich	they	play	ed was struck
									LaFore area	Peebles Area,	17	After-			0	a	оц.	С	Wind, rain, a
	occu	rred at Be	ulah a	t 1:00	a fro	m jag	ged ha	il sto	nes the size of	Adams County		noon			•			_	hail
	the	strong win	ds. F	ail als	o cau	sed w	pwards	to 10	mall rockets" by    0% crop damage at		0ne	home an	i two	barns	wer	e he	avily	dama	ged by winds
	10:00	≀a in McH er hails	enry a	rea in	a str	ip 2	miles unward	wide a	md 4-5 miles long. .00% crop damage		alo and	ng a mil Peebles	e str	etch o	f Ro	ute arns	41 be	tween	Jacksonville etely destroye
	in a	2-5 mile	wide h	y 15 to	18 n	ile l	ong st	retch	extending from		Hai	l damage	to B	ome cr	ops	was	repor	ted w	ithin Adams
	ball	size hail	also	caused	build	ing an	nd wir	dow da	border. The golf mage and lightning		Cou								
	and :	esulting	fire o	aused d	anage	to b	arn 5	southe	ast of Buxton.	Doanville Area, Athens County	17	7:30p			0	0	3		Wind and rain
Butte, 10 south	12	11:55 p	6	?	0	0	4	4	Tornado, windstorm,		١,,								d dames those
	A to	nado with	assoc	iated p	eriph	eral	straig	ht wir	hail * d damage struck		wer	e uproot	ed, a	nd uti	lity	lin	mino es we	re do	d damage, tree: wned in and
									eaviest damage s destroyed and			und Doan	ville	ŀ					
	house	e severely	damag	ed. Se	veral	head	of li	vesto	k were also	Hamilton Area, Butler County	18	12:00p							Funnel aloft
ļ	Hail	accompani	ng the	storm	wiped	out	wheat	fields	von Boe farm. so completely	,	Pol	ica nano	mtad	a funn		1004	al of	+ 040	r Hamilton
	that	"it even	took t	he stra	w"ar	d "le:	ft tre	es lea	fless and barkless'		mov	ing towa	rd th	e nort	heas	t.	alui	L DVE	r namificon
Ward & Bottineau Co.	21	Afternoon		İ	!		3	4	Tornado, funnel cloud, hail, wind	Shelby Area,	19	4:00p			( )	ĺ	!		Funnel aloft
									ti and Berthold	Richland County									
									ge. Funnel cloud bined to flatten		Pub	lic sigh	ted a	funne	1 cl	oud	aloft	over	the city.
	crep	s in area	from F	ussell	to Rd	th and	d brea	king v	indows at several										
		s. Hail w					a 10 t	о 12 п	iles south of	Oklahoma W Adams, Texas County	,	8:45p							
	. 1		İ		0	0	ц		Wind storm	" MURINS, TOXAS COUNTY	^	9:25p.	12	*2	0	0	?	1	Hail, wind, and
	29		1							1					1				rain
Cass County	Winds								n south edge of	1					i i	- 1			
Cass County	Winds Leon	storm upro ard. At M	arion	a barn	and a	nother	r out	buildi	n south edge of ng on Gerald ds, near tornadic		The 4	rea west	of Ada	ms was eter. =	struc	k by Wind	hailst	ones i	easuring up to rain causing
Cass County	Winds Leone Danus in s	storm upro ard. At M ser farm w crength, s	arion as des truck	a barn troyed 4 block	and a at 6: area	nother 15 p. of Ca	r out Stro asselt	buildi ng wir on at	ng on Gerald		2 1/1 cons	2 inches i iderable d	n diam amage	eter, s to the	trong corn	wind and	, and rain s	heavy orghu	easuring up to rain causing crop. From 1 1/2 ome roofs were

		CAL	PATH	E		. OF		ATED!				JAL JAL	PATH	E		. OF		ATED <sup>†</sup>	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
Oklahoma (continue	ed)	Evening			0		7	6	Hail, wind, and	Pennsylvania (con		d)					14	2	Lightning
Cimerron County	•				24				rain		Ligh	tning desi	royed	a barn,	400	bales	of h	y and	two head of catt
	and	heavy rain	stru	ok the a	rea r	orth	ast,	east,	ter, strong winds, ind southeast of in sorghum and	Parrisburg	17	Night	TTES 6	ast or	Conni	1	3		Lightning
	corn	crop. Se	veral	farm bu	ildir limbs	gs w	re da ripp	naged	y the hail and		A ma	n was inju	red wh	en tryi	ng to	ansv	er a i	ire ca	ll. In Hummels-
	evid	ence of a	twist:	ing effe	et by	the	stron	g wind	but no funnel	Clearfield	town 18		ing bol	t struc	kaı	arsor		using	A500 damage.
Bartlesville, Washington County	14	Morning			0	ı	0	0	Lightning	(.lear: leid		Morning damage re	sulted	when a	home	Was	hit b	light	Lightning ning.
assume comicy	Man No d	injured al	ightly	in kit	chen	of h	me du	ring e	ectrical storm.	Morthumber3.and	18	Morning					4		Lightning
Elk City,	15	1:20a.			0	0	4	0	Lightning		Ligh	ining boli	set f	ire to	a dwe	lling	. The	loss	was estimated at
Beckham County	Ligh	tning stru	ck but	lding t	elong	ing	o a m	otor c	ompany setting it and its contents.	Lehigh County	19	Day			1		İ		Lightning
5NNE Afton.	15	7:20p.	Cause	a extens	140 0	a,mag,			Funnel aloft		A max	was kill	led by	Lightni	ng at	the	North	Catese	uqua golf course
Ottawa County										Southwest Pa.	19 .					7	5	lı.	Rain
Sallisaw, Sequoyah County	21	4:10p.			٥	0	0	0	Hail, wind, and rain										maged numerous ace to summer ca
	Hail and	stones up	to 1	4 inch	es ir	dia	eter,	winds	of 30 to 40 MPH, ported damage.		fish A ro	ing dams, and gun	and the	e Fayet ishing	te Fi	mace	near mplete	Normal Ly was	ville was report hed out. The co
18 SW Guymon,	22	8:05p.			,	-		10	Funnel aloft		mete	at \$70,0	офо <b>.</b> А	s a res	tit c	Bh	eavy o	pinnoon	bridees was est r 7 persons were
Texas County Randlett area.	22	Night				2	7		Wind		set	County. '	rotal d	amages	were	\$8,50	O. A	esti	urnpike in Some ated 310,000 da . The pumps at
Cotton County		-	ruck e	rea dur					siderable property		gas	station w	ere rui	ned due	to:	lood	ng.	1100111	The purious or
	dama turn	ge. Two m ad. Roofs	en were	e injur damaged	ed wi	en ti winda	ailer ws bl	home own ou	they were in over- t of several homes.	Lycoming County	19	Afternoo	1		١.		14		Lightning
	Seve:	ral farm b away and	uildir one po	ngs were wer lin	dama no was	ged o	r des m dow	troyed	Trees had limbs		Ligh Shor		utck a f	alf doz	en h	uses	end u	11.1ty	noles in Jersey
Oregon	4				e	0	0	6	Name Proces	Dauphin County	5.7						2		Lightming
Klamath County	١.,	A.M.	tempe	ratures	"			ļ	Heavy Freeze n large acreage			tning str damage.	uckar	arsonae	e in	Humm	elstow	caus	ng an estimated
		otatoes.								Puerto Rico			None	repor	ted				
Pacific			None	repor	ted					Rhode Island									
Pennsylvania										Pawtuxet, Providence, Scituate, Providence	9	1-3 AM			0	0	4	0	Wind, lightning
Blair, Snyder, and Cumberland Counties	1	Afternoon				3	3		Rain, hail, lightning	Co.; West Warwick, Warwick, Kent Co.;									
!	2 pr	ersons wer	e inju	red as	their	car	was f	rced	off the west barm of r of \$300.00. In inch hail was re-	Newport, Portsmouth and Jamestown,	uti	ity lines							er outages as htming and
	por	ed in the	Mecha	hicsbur	t hy	light amp k	ning.	One	nch hail was re- ightning damaged a	Newport Co.	win	-							
	hom	in Roari	ng Spi	ing.						South Carolina Dillon County	1-2				1	0	4	0	Rain
East-Central Pa.		Afternoon		floodin	e and	10 wash	6 mite	1	Rain, lightning sections of										in the town er up to three
	Sch	nylkill Co ared by wa	unty. ter.	An amu Damage	rhie t	t par o flo	k at l	noebe Was e	's Grove was timated at 3750,000		fee	t deep in res and a	some s	treets. les. A	Pri Six-	ncipa year	l dama	ge was y was	to homes, drowned when
	Cre	tive Corp	oratio	n was S	500,0	00.	A lar	e amoi	to the Quartite		he cul	slipped in vert by th	to a d	rainage t-movin	dito g wat	h and er.	l was	arrie	through a
	per	ons were	injure	d due t	b the	floo	ding.	In P	amokin. Several ke and Monroe htning damaged a	Charleston County	5	7 p.			0	0	0	0	Waterspout
	hom	e. At Sun							power line.			aterspout ige in the					north	of the	Cooper River
Armstrong County		Morning	mam::1+	nd from	. ,,	ahtai	3		Lightning home in Cadogan.	Greenville County	15	3:20 p.			0	0	0	0	Tornadoes .
Allegheny and Beaver		Evening a				51.011	5		Hail, wind		Two the	small to	nadoes e-Span	were o	bser	ed al	out 3 Their	miles life	southwest of ime was only
Counties	Hai.	stones as	hig a	s golf	halls	dama	ged g	rdens	and cars extensive-		af	ew minute:	and r	o damag	e was	repo	rted.		·
	\$50,	OOO. In garages m	Glenwi	llard t	rees	were	felle	uti	were estimated at ity poles downed,	South Dakota Hereford vicinity,	1	4:30 -	25	*2	0	0	?	?	Hail and funnel
Mercer County	- 1	Morning	0,460	i siieii	Tour	uaur	3		Lightning	Meade County	Hail	5:30 p averaged	l inch	with 1	arge	t to	3 inc	es.	torm moved
				killed	by 1	ightr	ing ar	nd a po	ny paralyzed at a			NW to SE							
Bradford County		near Sha Late afte					h		Wind	Winner, Tripp County	1	6:50 p	?	?			?	?	Uail
	Stre	ng winds	blew d	own tre	es an	d dan	aged a	car	n Myersburg. The	18 N Hayes, Stanley	Ha11 3	up to go	#*15	sise r	epor 0	ed.	4	٥	Tornado
	dama	ge to the torn off.	car w	as abou	t \$20	0. #	t the	same t	ime a harm roof	County									!
LuzerneCounty	15	Night					և		Rain		rece	ived litt	le or a	o damag	e. 1	Dae p	arty i	h home	on farmstead was hospitalized
	Heav	thunders	howers	csused	loca	l flo	oding	of bas	ements in Scranton,	Wallharran and sast		-	and to	o other	s re	eive 0	i less 4	serio	e injuries. Wind, hail and
	16	Morning					5		Lightning	McPherson and eastern Campbell Counties		10:00p- 3:00a							lightning
	A li esti	htning bo ated dama	it set ge of	an All	entow D.	n cen	ent co	mpany	on fire causing		Hail	averagin	1/2	nch dan	aged	crop	s in a	area	near Eureka ops and buildings
		ſ			1			ı			8 1117	res roug	, o	WATE A	ide.	MTU	dame;	Sea CL	damaged by fire

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		.1	r		МО	OF	ESTIM	ATED!					т		NO.	OF	ESTIM	ATED†	
		CAL	РАТН	Ē		SONS		MGE	]			CAL	PATE	Ŧ	PER:			AGE	
PLACE .	DATE	TIME - LOCAL STANDARD	LENGTH OF 1	WIDTH OF PATH (YARDS)	KILLED	INURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
South Dakota (cont Corson, Walworth, Potter, Jerauld, Sanborn, Davison, Hanson, McCook,	inue 8				О	3	. 5	6	Wind, Hail, locally heavy rain and funnel clouds	Texas (continued) Bryan-College Station, Brazos County	11	6:00 p- 7:00 p	6	#kkg	0	0	14	0	Windstorm
Minnehaha, Turner, Lincoln, Clay and Union Counties	SE c hail size repo glas pers hous half esti	using ext was repor hail was rted varion window a on was inj was blow of McCook ated at \$	ensive ted 16 report us siz t a dr ured 6 n over Count 550,00	damage miles ed in W e hail. ug stor miles . The y where O. Num	to d west essin Two e in west great wind erous	rops of Mo gton peop Sious of Co est and util	and b bridg Sprin le we Fall nton amage hail	e at 4 s at re inj s was at 8:3 occur: amage nes w	moved from NW to g. Golf ball size 10 p. Tennis ball 1:55 p. other areas red when a plate 10wm in. Another 5 p when a trailer ed in the southern to crops was are downed by the		Stee Lumb home Stat One was build dama wind	l siding a er Company s, and can ion area. portable a picked up ding was of ged when so ows at the	and room on Person of Pers	ofing frease Stranger Lands and the appeared and by the asser Charles of the asser Charles of the asser Charles of the asser Charles of the asser Charles of the asser Charles of the asser Charles of the asser Charles of the asser Charles of the asser Charles of the asser Charles of the asser Charles of the assertance	rom s reet reous was to cal to continue porti	torag in Br othe esti rdwel explo damag able let C	e buil yan, d r dama mated l Port de. O ed. I buildi pmpany	dings amaged ge in at mor able B ne oth hree m ngs. were	oles, ripped sheet at Southland a number of mobil the Bryan-College than \$10,000. wilding Company er portable obbile homes were rive plate glass slown out. On Ede
Near Mitchell, Davison County	area 8 A ba	6:00 p	clouds ? to exp	were r ? lode an	eport 0 d par	ed a	Hurl 4	oof co	Tornado		place the reco	ed them do lumber yan	wn aga d abou e Flig	ain but it one o	on a	shee lock	t of s away.	teel s	piles and gently iding blown from nighest wind speed od Field was 35
	A state	el graine	ry was	carrie	dah 0	alf n	0 0	Storm	moved from NE Tornado	Nolanville, Bell County	12 High	6:45 p- 7:00 p thunders	torm w	? inds de	O molis	3 hed a	4 mobil	0 e home	Windstorm, hail in Nolanville and
Union County  Near Meadow, Perkins County	12 A wo	5:00 p	? spital	? ized wi	0 th a	l broke	4 n arm	0	amage reported.  Tornado . the tornado		Jame inju Nola dama at S	s Longhor ries afte nville, w ge to the 6,500. I	n, and r thei as rol mobil n Nola	Miss L r mobil led ove e home nville,	ouisa e hom r sev and a wind	Pizz e on eral smal dama	aro we U.S. times 1 hous ge to	re tre Highwa by the e near window	pec. 4 and Mrs. ated for minor y 190, east of wind. Total by was estimated s, roofs, trees,
30SW Winner, Tripp County	19	6:37 p	?	?	0	0	0		Tornado .	Jefferson County	incl	utility 1 es in dia 6:00 p rved abou	neter	were re	porte	d dur	ing th	e stor	Funnel aloft
Tennessee Fort Loudon Lake, Loudon County	Thun	9:00p.m.	apsize	d small	) hous	l eboat	u on lu	O ake so	Wind  thwest of Knoxville,  t six hours before	Motley County	13 A bo	6:00 p It of light s known t	htning o have	set of	0 f one ed in	of to	? he mos	? at dest	Lightning ructive prairie The fire started o
Knoxville, Knox County	bein from 2	their mod	Dama rings.	ge repo	rted 0	to se	veral L	boats	that broke loose	Tyler,	tru	.dozer tha	t topp Vann the	Franci.	oac s, mi	anyor les c	and to	turned,	nch lost 10,000 a track-type a new pickup nd other property Windstorm
	high mobi Seve	way signs Le homes. 1 Caks and	and ro	ofs of al tree	build B Wer state	ings. e rep	Dam: orted	down :	trees, utilities, orted to autos and n the Wedgewood,	Smith County	Vici the	4:00 p ous thund center of	erston Tyler	n winds	lash ased	ed a	three- pread,	by-thr	ee mile area near
	cont: even: numb	nued into ng of the r of comm	the e 9th d initie	arly mo: owned m s scatt	rning any t ered	of trees.	he 10 Power	th. Si r was the Si	Heavy rain, wind i eastward and rong winds on the interrupted in a late. Torrential a number of places.	Possum Kingdom Reservoir, Pelo Pinto County	Some	y damage. trees we: 3:00 p	Roof re upr	s, plate boted. ?	e gla	ss wi	ndows ?	and si	gns were damaged. Hailstorm
Shelby County	3/4:	L:50p.m. inch hail. her Bureau	? Repo Meteo	? rted fi rologis	o ve mi	0 Les n	? orth	? of Mem	Hail	Waco and vicinity,	were		at Pos	sum Kir	gdom	Rese	voir	in nor	inches in diameter thwest Palo Pinto Windstorm
	the gener Tenne inche Milli inche parts loca	19th. Hea rally between was as were me ington. R as in the a of East I flooding	yy rai: een tw 1.5 in asured ainfal midsta ennes: of st	n fell: o and fe ches at at Inte l storm te area see. No reets au	for sour in Boli ernat tota and o major	evera nches var. ional is ra decre or fl ads i	I house In the Airport In the Airport In the Airport In the Internal Intern	e great e great prt, 3. etween o less was 1	Heavy rain, wind  ", moved northward lith and early on accumulations est amount in his area, 2.99 lith inches at two and three than one inch in eported, but some art of the State	McLennan County	Inst and ripp inte suff was ther engi	e hanger a itute near adjoining ed off par riors were ered damag reported i e was wide	nd oth r Waco buildi rt of t drend ge to w injured spread te was	mer buil  Most  ng on the roof  hed with  indows,  but mi  blown of	of the notate and the	e da rth the n. rs, r tili damag it th	James mage waside of front Other oofs a ty lin to o e airo	connal: as done if the of each struct nd ven es were ther p	OO in damages to a by Technical at the action of the winds to a large hanga campus. The winds to building and the building and the campus tilators. No one knocked down, an operty. A single Considerable damag
	becunhandi it is State 25 m but i	red when le the run certain . Highes h with ea	storm off. that the winder ts to	Agricul Agricul be rains s observ 32 mph or two	tura s eli ved a Pr of a	raina dam minat Mem opert fall	ge dit age ha ed dro phis l v dama ing tr	ches vet bught of internation in the dam	bre unable to to be assessed, but puditions in the tional Airport was Memphis was minor, aging power lines.	Killeen and vicinity, Bell County	14 A to mile hous	6:00 p- 6:20 p made dipp s south of was dama	? ed to Kille	? the gro en. Po At 6:15	und a	t 6:0	? 00 p.m were	, save	Tornado, windstorm, hail, funnel aloft en and one-half i down and one was observed alof
Texas Near Gregory, San Patricio County	1	10:09 a							Funnel aloft		four pany Hard four	and one-h ing windst est hit wa miles eas	alf mi orms o s the t of K	les wes aused o Mobile illeen,	t of onsid Manor wher	Killerabi Tra:	en mo le dam ler P mobil	ving no age in ark in le home	orthward. Accom- the Killeen area. Harker Heights, was demolished ar
Near Oak Hill community, Travis County	1	7:05 p							Funnel aloft		resu Ranc Kill	lt. Mid-T n Road կկն een, the r	exas I south	elephon of Kil the bu	e off leen. ildir	icia At g wa:	s rep Spray blown	rted l s Auto almos	injuries as a 2 poles downed on 2 Parts, near 5t a mile. Three
Jefferson County	A ft								Funnels aloft he Cheek community, Earlier in the		rece: on A rest	ort were s lved minor venue D,	lightl damag and th	y damag e. Pla e Kille	ed wh te gl en US	ile d ass v O on	ne pri indow: Gray S	vately on Sh treet,	Killeen Municipal owned aircraft ow World, located were broken as a ch in diameter wer

See reference notes at end of table.

PLACE		OCA)	РАТН	WIDTH OF PATH (YARDS)		). OF SONS		MATED†	CHARACTER OF STORM			,0CA1	PAT	HT4		OF SONS	DA	ATED†	CHARACTER
	DATE	TIME - LOCAL STANDARD.	LENGTH OF (MILES)		KILLED	NJURED	PROPERTY			PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	CROPS	OF STORM
Texas (continued) Temple-Belton area, Bell County	14	6:30 p- 6:45 p	?	?	0	0	5	7	2 Tornadoes, funnel aloft, windstorm	Texas (continued)	23	2:32 p- 2:50 p	Short	Narrow	0	0	0	?	Tornado
	Two	tornadoes	rippe	d throu	gh th	e Dra	ghon-i	filler	Airport at Temple,		A to	rnado was miles no	observ	red by I	ubbo	k We	ather	Bureau	personnel about
	buil movi	ding. Th	e firs	t torna Waiting	do wa	s obs	erved s and	east c	restaurant f the building t personnel took	Roundup, Hockley County	23		?	?	0	0	?	?	Tornado _
	sigh and and	ted to th blew the several o	e west doors thers	of the off all damaged	term the Th	inal hange e roa	and it rs. (	knock me air third	second tornado was ed down power poles plane was demolished funnel was heard,		3011	th of Anto	n, and	about :	20 mi	les r	prthwe	stof	undup community Lubbock. The iles south of
	Wind	ows were the front	blown glass	out of of the	sever term	al ca inal	rs par buildi	ked ar ng wit	e remained aloft. ound the terminal hstood the storm. oofs off their	2 NNW Ballinger,	Anti	n. The s	torm m	oved fr	om we	st to	east.		Funnel aloft
	fram crac the	es; many ked and s brick ven	window plinte eer on	s were red; an the en	eithe d man d of	r pop y sig pne u	ped ou ns wer nit of	nt or s re dama the A	mashed; trees were ged. In Temple, rmstrong Apartments	Runnels County	Obse	arved over	Ballin	nger Lal	ke.	ı	!		
	was Your and	blown off gstown Sh barns had	the opping their	Center roofs	elton was blown	Radi overt	o Mobi urned Tota	le Stu Seve 1 prop	dio, parked at the ral homes, buildings erty damage from the ted at \$200,000.	Near Aransas Pass, San Patricio and Aransas Counties	571	6:25 a			i				Funnel aloft
Burleson County	14	7:25 p			5001.0	72110	7 743	0001112	Funnel aloft	15 NE Friona, Parmer County	24	6:50 p							Funnel aloft
Taylor, Williamson County	14	9:02 p			0	0	?	0	Lightning	W Pampa, Gray County	24	Before 7:00 p							Funnel aloft
	fire	tning cau originat ected to	d whe	the c	irren	West t was	10th 5 carri	treet ed thr	n Taylor. The ough the wiring	Near Crosbyton, Crosby County	24	8:00 p				•			Funnel aloft
Shamrock and vicinity, Wheeler County	15	1:45 a	?	?	0	0	4	?	Windstorm, funnel aloft	Near Taft, San Patricio County		9:54 a			İ				Funnel aloft
	the	new Shamr	ock Ger	heral H	spit	#1, t	bok ha	lf the	f the roof from roof from the	15 NE Corpus Christi, San Patricio County	26	9:50 a				ļ			Funnel aloft
	busi at \$ eigh	ness sect 50,000. t miles s	ion of Earlie outhwe	the ci r, high st of S	ty. wind namro	Damag s unr ck at	e to t pofed 12:40	he hos two fa	lass windows in the pital was estimated rm buildings about A funnel cloud was	15 S Sabine Pass, Jefferson County Near Jonestown,	26 27	4:20 р			1	0	?	?	Waterspout, 2 funnels alor Flooding
Hunt,	repo toud	rted sigh hed groun	ted in i.	this a	rea, 0	but i	t is n		m if the funnel	Travis County	Mrs	Jayne Hil	l Ack	in dro	med 1	when	high w	ater c	aused by heavy ng off a bridge
Kerr County	Fire	that was	appar					? ng bur	Lightning		Fart of 1	Road 1432 ublic Safe the swif	and : ty spe t-flow:	nto Ler kesman ing wate	on C said rs,	reek the and c	near a automo	onesto bile t rest	wn. A Departme: umbled end over in low water on
Nacogdoches, Nacogdoches County	rang 18	eland nea: 2:12 p	Hunt	·		1	0	0	Lightning	Port Arthur,	and	one-half r the autor 8:00 a	niles o nobile	lownstre	am.	The	woman'	s body	was found two m
	inju	red when :	truck	by ligh	tnin	į. T	he chi	ld and	s, was critically his mother were	Jefferson County	A sm	all tornad	lo tou	hed dow	m br	iefly	in th	e vici	nity of the Guli
	a fe force	ok. Mrs. feet from	Maness m her lightni	son. I	t in he d	ured ild' red	altho s belt	was b	when the lightning was standing only lown off by the the waist, and his alld was not	Near Lubbock, Hockley County		e was no s					in sou	thwe st	Port Arthur.
Houston,	brea 19	thing wher 9:55 a	picke	d up bi	the	ambu.	lance.		Funnel aloft			rved about	: 19 m±	les wes	t of	Rees	e Air	Force I	
Harris County Jefferson County	19	2:19 p- 2:24 p							Funnel aloft	Near Gilchrist, Galveston County  Jefferson County		10:40 a							Funnel aloft Funnel aloft
	A fu	mel cloud	was c	bserved	aloi	t abo	out two	mile	south-southwest			rved four	miles	east of	the	Jeff	erson	County	
Groves, Jefferson County	20	efferson ( 7:45 a	ounty	Airport	·				Funnel aloft	Near Sinton, San Patricio County	29	2:35 p							Funnel aloft
Jefferson County	20 Obse	8:45 a	Jeffe	rson Co	inty .	Airpo	rt		Funnel aloft	Utah Northwest counties	2	Evening			0	0	4	3	Winds and light ning
Near Beeville, Bee County		9:15 a							2 Funnels aloft		hou	r swept ac	ross r	orthwes	tern hom	Utah es. b	durin reakin	g the s	up to 70 miles a evening toppling ows and power
Near Beeville, Bee County	20	11:53 a							Funnel aloft		lir chi off	es. Light mney and c ice radio	ning s lamagir	struck a	noof.	e in The	East S Davis	alt La Count	ke splitting a sheriff's ng struck the
Corpus Christi vicinity, Nueces County	22	9:15 a- 9:20 a					. ,		3 Funnels aloft	25 miles northwest of Salt Lake City		enna. 7:02 p.		ļ	0	0	0	0	Funnel cloud
	Two i	funnels we sti and an	re obs	erved a	loft was	abou bser	t 13 m ved ab	iles e out 10	nst of Corpus miles southeast.		A f	unnel clo	d whi	h did t bout 25	ot s	trike s no	the g	round t	vas observed by alt Lake City
Rhineland, Knox County	22	3:50 p- 3:51 p	j	60	0	0	5	4	Tornado, - hailstorm	Davis and Weber	Air	port. Evening			0	0	5		Lightning
:	Rhine perti	land common and \$1.0	unity 00 dan	and car age to	sed a	mest	imate	1 \$55, at fell	ner of the 100 damage to pro- during the storm	l i	plan	t about 7: observed	in Nor	causing	ove	r \$50	,000 d	amage.	istribution Other strikes as but damage
]:	camag where the w	e resulti losses w orst dama	ere es	m the t timated	ornac at \$	10 was 140,00	at t	ne Rhi ne bur trail	eaviest property seland Co-op Gin hopper suffered ers were stored on	Utah County	from	these was Afternoon			0	0	4	0	Lightning
	the g trail rippe	in lot an ers escap d off its	d at 1 ed dan found	east 16 age. a ation a	were gara nd to	comp ge be	letel longi into	dest ng to I the hor	cyed. Only two cuis Redder was the of Mrs. Vince rt was torn off	1	the	thousands	of dol	llars di	ring	the	aftern	con.	with losses int A 30 x 60 foot a several fire which was

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		CAL	РАТН	E		. OF	ESTIMATED! DAMAGE					CAL	РАТН	Ξ	NO. PERS		ESTIMA DAMA		
PLACE		TIME - LOCAL STANDARD	TH OF P	WIDTH OF PATH (YARDS)	_	e	RTY		CHARACTER OF STORM	PLACE		TIME - LOCAL STANDARD	TH OF P	WIDTH OF PATH (YARDS)		۵	RTY		CHARACTER OF STORM
	DATE	TIME	LENGTH OF I	¥IDTH ₹)	KILLED	NJURED	PROPERTY	CROPS			DATE	TIME	LENGTH OF P	WIDTH (7	KILLED	INJURED	PROPERTY	CROPS	o i olum
Utah (continued) Salt Lake East Bench	17	Afternoon		:	0	0	5	3	Floods	Virginia (continue	To t	he west o	f the	Blue Ri	dge, B	uena 1	Viste,	Glas	gow, and Waynesboro
		inch and a							any hours erious flooding		were area	flooded mes in south	vith m hern A with m	ejor dan egusta, eximum	nage t Rockb damage	o home ridge and	es and , and fatali	Alleg ties	nesses. Other nany Counties had occurring just
	alo dam	ng the Eas aged by fl	t Bend bod wa	h of Sa ter wit	lt La	ke Ci	ty. A	t leas	t 15 homes were ween 5000 and		west numb	of the B	lue Ri d in t	dee. ne	ar the	Maur	y and	South	Rivers. The n, mainly in
Vermont	10,	000 dollar	p bet.	nome.							Most	river to	wns on	the Jan	mes fr	om Rie	chmond	west	to the Blue Ridge The flood crested
Lowell and vicinity	2	5 p.m. Washing a	nd flo	oding r	0 ain f	0 roms	4 udden	3 thunde	Rain, hail r-		in I	uena Vist	a earl Fatal	y on the	e 20th	and a	down r nimum	iver but w	in Richmond early ith maximum proper-
		storm cau feet deep Some hail	Cel	lars fl	beboo	and	chasms crops	up to washed	out.		plac	es inunda !	ting c	ropland	and t	owns.			mile wider at many
Northwest	18	P.M.		İ	0	0	4	5	Hail, lightning, wind, rain		ties	and seri	ous pr	perty	end cr	op dar	mage.	The	ith a few fatali- major damage Illiam Counties.
		Thundersq size and generally	some t	d 2 incl	es i	n dia	neter	on a p	ath		Dam: One	ge to hig hundred a	hways nd thi	and br	idges ee bri	was e	stimat were d	ed at lestro	19 million dollars yed or damaged and
		east-soth completel dented.	eastwa v dest:	rd to Ma royed.	rris Many	ville wind	Lar	ge com oken a	nfields nd siding		200 nor	miles of th-south h	highwa ighway	iv was w s were	ashed closed	out o	robli ometi	terat Ime du	ed. Almost all e to high waters. ere washed away
		trees Po	wer or	ut compl e inclu	letel; led a	chur	rand h in (	Isle Co Froton	The		and	many line	s were	still	out of	oper	ation	a wee	k later. culture 21 million,
		storm arri storm trac struck the	k migi	ht be ar taburgh,	N.Y.	nsion	of the a, who	at wh	ch		busi	ness and	ndust mill	y 54 m	111ion bese f	, res	identi s are	al 10 only	million, highways educated guesses
State	25	waterspout P.M.	had I	een rep	orte	on t	lumber:	Land B	Hail, wind,		44	persons a	re sti	ll miss	ing al	most .	a mont	h eft	er the disaster
		Scattered strong wi	nd, an	d heavy	rain	. Ha:	ll of	<b>3/</b> 4th:	inch size		of r	aud and de	bris,	ever be	found	as m	,	e bur	ied under tons
		reported Airport at p.m. with	12 mil 2:30	p.m.	nort! leavy	east squa	of Bu Ll hit	rlingt Rutla	on nd near	Richmond Area	26 Ligh	5:30 P.M	uck or	ne of fo	ur sir	cond	3 ition	ing un	Lightning, Wind
		Wind dest debris, areas floo	royed	a metal	shed	) dam	ging	a car	with the		tota	rtment st 1 loss an roofing	d the	other t	hree h	ad sl	ight b	lamage	The unit was a . Wind also took
		lightning	damag	e.		nuo±.		JCable.	reu	Washington				e repo				·	
U. S. Virgin Islands			None	repor	ted					West Virginia									
Virginia Alexandria, Arling-	2	Night					4		Heavy rain,	Mill Creek, Randolph County	8 What	6 p.m. was terms	d by	resident	0 5 as a	ı frea	3 k win	0 dstorm	Windstorm destroyed a barn, out off electricity
ton, and Fairfax County	Fou	r Mile Bun	flood	led cove	ring	sever	al blo	cks of	lightning Mount Vernon		at M	ill Creek, avy rainst	15 m	iles sou	thwest	tof	lkins	Thi	cut off electricity s occurred during
	Ave and Sto	due and ot George Wa res, apart	her pa shingt ments,	on Park and re	Alexa way t siden	ndria o be ces h	, and closed ad wat	for a er up	Shirley Highway short time. to 6 feet deep in ts having to be	Elkins, Randolph County	9 Many	6:30 p.m basements	reli	ant on e	0 lectr	ic pun	g nps to	0 remai	Rainstorm n dry were flooded, the lines. Rain-
	eva	lower flo custed. A g with \$80	n apar	tment h	ents ouse	with in Ar	some r lingto	esiden n was	ts having to be struck by light-		fall and	totalled was the gr	3.21 eates	inches i t 24-hou	from 7 ur rain	a.m.	Augus	t 9 to kins s	7 a.m. August 10, ince October 15,
Richmond Area	9	Afternoo	on .				?		Hail, Wind		airp	ort also	uring	the sto	orm.				ded at Elkins
									ith tops of cars utility lines.	Hurricane, Putnam County	9 A se	8 p.m.	1	ged thur	0 nderst		ĺ	0 hrough	Tornado and Wind- storm • Teays and the
Forthumberland County		Morning	1	Narrow	1	i. I	2 h elic	hr dan	Tornado •		Augu	ist 10. Ne	ear Hu	rricane	ast	orage	build	ing or	nday morning a golf course and were destroyed,
Fairfax County	tre		?	Narrow			5				inju	ring three	peop Teays	le in the	ne hom where	e. The winds	h <b>e lar</b> s ripp	gest a	single damage was roof, sheathing, ed at \$45,000.
Latiter county	Fun	A.M. nel cloud	moved	in an e	øster		rectio		Tornado • about 300 yards		Nume	rous other ge from t	buil ne sto	dings an	nd hom witn	es rec	ceived aid he	roof	and other minor piece of two-by- other piece hurled
	nar eas	row but in t. Numero	crease us tre	as the	upro	orm mo	ved to a nur	ward to ber of	rea was quite he East and South- roofs damaged		thro	ough a nou sen the bo	de. A	newspar om the	per pi ground	cturé , whi	showe ch is	d the	man unable to tive of the force Airport. In
	Nea roo	rby in the fed and on	same e hous	general e compl	etely	a nu dest	mber o	t apar Twer	was demolished. tments were de- ty to twenty-five		gene Vall	eral, the step, which	nost h	eavily ches fr	damage om nea	d area	a appe ricane	ared , abo	to be in the Teays at 20 miles west of west of Charles-
Louise County	tho 18		tric u	isers we	te wi	thout	serv:	ice, so	me for 12 hours. Lightning		ton	The Wear rainfall a	ther E	direau a	t Kana	wha A	irport	meas	red 3.07 inches
		e caused b led barn.	y ligh	ning d	amage	d two	house	s and	burned one hay-	Ripley, Jackson County	Thre				a bar		l of h		Lightning destroyed when
James and York River Basins	19- 20	Night			109	102	8	7	Rain, Floods			tning str ts Chapel,				a st	orm, e !	bout	two miles east of
	Tor								ne Camille fell	Renick, Greenbrier County	19-2 Torr	ential rai	ns fr	on the r	2\ emman brier	ts of	5 hurri lichol	? cane C	Rainstorm amille caused nties. At Renick,
	of to	the James 12 inches	River at reg	for nea lar st	rly a	cent s wit	ury. h subs	Totals	erious flooding ranged from 2 ted amounts up		12 m	iles north	of W	hite Sul	lphur :	Spring	s, a	91-yea	r-old woman and her 20 when flood home. Many section
	mai soi	nly in Nel 1 to such	son an an ext	d adjac ent tha	ent o	resu	es soa lting	ked an landsl	ounts falling d lubricated the ides along with		of t Rive	he flood-n rs were de	angle	d valle) d disast	s of t	the Car sas.	reenbr The w	ier, C eather	auley and Meadow station at Renick
	max	imum prope	rty da	mage.					fatalities and		mile		t of	White Su					At Anjean, 25 s were destroyed
	dis Roc	aster, Th	woods	unities Mill w	of M	lassie artia	s Mill lly or	, Davi	month after the s Creek, Roseland, etely destroyed s.										,

See reference notes at end of table.

PLACE		LOCAL	РАТН	Ŧ	NO. PERS		ESTIM.	ATED†				CAL	РАТН	E	NO. PER			ATED!			
	DATE	DATE	DATE	DATE	TIME - LC STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE		TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS
Wisconsin Dane County	3 Seve	om ral funne ms.	l cloud	ls obse	O rved w	O d.th	0 isolat	0 ed aft	Funnel clouds ernoon thunder-	C Crop damage Miles inste	. ad o:	f yards. f miles.									
Rock County near Janesville	lı.	12:15			0	0	0	0	Funnel cloud	t Storm damage 1 Less that 2 \$50 to \$	a \$50	re place )	d in	catego	ries	var	ying	from	1 to 9 as follows		
Marinette County		5:50 p le home u e crop da							Wind, hail rm 2W Peshtigo. Grover.	3 \$500 to \$5,000 4 \$5,000 to \$50,000 5 \$50,000 to \$500,000											
	Tree Spar dest	ne of str s and wir ta severe	s down ly dama near	ed in ged as Rolling	severa  large	l co	munit:	les. s on i	Wind, lightning during the night. Trailer home at t. Lightning fire ged in Sturgeon	9 \$500,000,000 to \$5,000,000.											
	at W	1 tornado	moving at the	from theight	he NN	E tor	e thr	ties,	Tornado be State Fair Park Three large tents	it is not all-in ried in the June SUBSCRIPTION PR	clus and	ive. De Decembe	elaye er is: :s pe:	d data sues o:	and f thi	cor s p	recti ublic subs	ons w ation crint	ill be car-		
Racine and Kenosha Counties	Seve show		area.	1 incl	hail	at !	luskege	and	Hail heavy hail Waterford while	domestic, \$2.00 able to the Superior regarding someones, Governments,	rint	endent o	of Doo s show	cument: :ld be	s. F	lemi to	ttanc	e and	correspond-		
Oconto County		pm y fall of	hail a	it Towns		0	<u>L</u>	4	Hail				USC	OMM-ES	SA-A	shev	/ille	, N. (	C. 10/1/69-1150		
	Seve Supe	6-10 p re thunder rior shore ightning i	в. Ga	causes	scat	0 terec	l wind hop at	damag	Wind, lightning along Lake turn destroyed												
Wyoming			None	repor	ted																